

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030223\
 Data File : VX034306.D
 Acq On : 02 Mar 2023 16:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2023
 Supervised By : Mahesh Dadoda 03/03/2023

Quant Time: Mar 03 00:24:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	287655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	475190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	167231	43.167	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.340%		
35) Dibromofluoromethane	5.385	113	142853	46.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.340%		
50) Toluene-d8	8.647	98	531844	47.878	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.760%		
62) 4-Bromofluorobenzene	11.079	95	217774	51.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	136100	54.754	ug/l	100
3) Chloromethane	1.301	50	190956	53.385	ug/l	99
4) Vinyl Chloride	1.374	62	198691	60.993	ug/l	97
5) Bromomethane	1.599	94	84308	71.045	ug/l	99
6) Chloroethane	1.679	64	110753	67.628	ug/l	97
7) Trichlorofluoromethane	1.886	101	289006	65.576	ug/l	98
8) Diethyl Ether	2.130	74	104384	58.790	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	154455	49.764	ug/l	96
10) Methyl Iodide	2.447	142	195134	51.636	ug/l	95
11) Tert butyl alcohol	2.959	59	193693	223.541	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	155271	49.905	ug/l	94
13) Acrolein	2.233	56	124622	315.076	ug/l	98
14) Allyl chloride	2.660	41	299086	45.317	ug/l	90
15) Acrylonitrile	3.056	53	462488	244.671	ug/l	100
16) Acetone	2.374	43	373391	186.843	ug/l	95
17) Carbon Disulfide	2.508	76	433346	48.444	ug/l	100
18) Methyl Acetate	2.697	43	298421	48.260	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	555509	50.588	ug/l	98
20) Methylene Chloride	2.788	84	173250	48.115	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	169818	52.088	ug/l	96
22) Diisopropyl ether	3.751	45	618917	53.491	ug/l	96
23) Vinyl Acetate	3.715	43	2416478	260.675	ug/l	99
24) 1,1-Dichloroethane	3.605	63	319920	50.366	ug/l	99
25) 2-Butanone	4.550	43	661319	228.709	ug/l	100
26) 2,2-Dichloropropane	4.471	77	258289	44.887	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	198145	51.324	ug/l	96
28) Bromochloromethane	4.891	49	119341	42.117	ug/l	87
29) Tetrahydrofuran	4.995	42	443339	251.332	ug/l	98
30) Chloroform	5.087	83	318478	52.215	ug/l	100
31) Cyclohexane	5.465	56	300773	52.001	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	282130	51.600	ug/l	99
36) 1,1-Dichloropropene	5.690	75	243420	53.199	ug/l	98
37) Ethyl Acetate	4.702	43	266894	52.192	ug/l	99
38) Carbon Tetrachloride	5.672	117	248030	52.678	ug/l	97
39) Methylcyclohexane	7.373	83	310263	52.691	ug/l	99
40) Benzene	6.031	78	723896	53.386	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030223\
 Data File : VX034306.D
 Acq On : 02 Mar 2023 16:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 03 00:24:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/03/2023
 Supervised By : Mahesh Dadoda 03/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	148100	51.980	ug/l	100
42) 1,2-Dichloroethane	6.080	62	252352	52.914	ug/l	98
43) Isopropyl Acetate	6.330	43	459286	50.896	ug/l	99
44) Trichloroethene	7.123	130	188961	54.303	ug/l	94
45) 1,2-Dichloropropane	7.428	63	189176	52.407	ug/l	99
46) Dibromomethane	7.574	93	127323	53.595	ug/l	86
47) Bromodichloromethane	7.818	83	251673	51.622	ug/l	96
48) Methyl methacrylate	7.690	41	215447	50.302	ug/l	96
49) 1,4-Dioxane	7.653	88	90969	1064.823	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	1370516	276.046	ug/l	99
52) Toluene	8.714	92	464214	56.499	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	298445	53.181	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	306797	51.067	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	185775	56.017	ug/l	98
56) Ethyl methacrylate	9.110	69	305594	54.470	ug/l	96
57) 1,3-Dichloropropane	9.305	76	319599	55.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	654988	269.507	ug/l	95
59) 2-Hexanone	9.427	43	1028513	271.826	ug/l	98
60) Dibromochloromethane	9.519	129	204999	55.943	ug/l	99
61) 1,2-Dibromoethane	9.610	107	196480	56.018	ug/l	98
64) Tetrachloroethene	9.269	164	163910	52.916	ug/l	94
65) Chlorobenzene	10.080	112	498946	54.538	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	187533	52.951	ug/l	99
67) Ethyl Benzene	10.189	91	904497	55.032	ug/l	98
68) m/p-Xylenes	10.299	106	708211	112.597	ug/l	95
69) o-Xylene	10.640	106	351514	56.136	ug/l	97
70) Styrene	10.653	104	581702	57.119	ug/l	96
71) Bromoform	10.799	173	152205	52.650	ug/l #	99
73) Isopropylbenzene	10.964	105	911126	51.489	ug/l	99
74) N-amyl acetate	10.842	43	432675	48.670	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	292155	48.272	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	250963m	42.955	ug/l	
77) Bromobenzene	11.195	156	218925	51.410	ug/l	84
78) n-propylbenzene	11.305	91	1085798	52.760	ug/l	97
79) 2-Chlorotoluene	11.366	91	650472	51.546	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	775505	52.126	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	102494	45.067	ug/l	94
82) 4-Chlorotoluene	11.451	91	758304	52.759	ug/l	95
83) tert-Butylbenzene	11.713	119	764897	50.199	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	782737	52.034	ug/l	96
85) sec-Butylbenzene	11.890	105	982221	53.082	ug/l	98
86) p-Isopropyltoluene	12.006	119	821014	53.613	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	417932	52.331	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	418580	51.963	ug/l	97
89) n-Butylbenzene	12.329	91	745352	54.647	ug/l	98
90) Hexachloroethane	12.536	117	157454	49.176	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	407096	52.099	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	65424	45.331	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	257079	51.246	ug/l	97
94) Hexachlorobutadiene	13.725	225	105904	50.924	ug/l	100
95) Naphthalene	13.774	128	846779	50.107	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	253479	50.895	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030223\
Data File : VX034306.D
Acq On : 02 Mar 2023 16:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2023
Supervised By :Mahesh Dadoda 03/03/2023

Quant Time: Mar 03 00:24:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

