

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037453.D
 Acq On : 01 Sep 2023 00:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/01/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Sep 01 07:58:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90106	59.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 119.060%#			
35) Dibromofluoromethane	5.385	113	78255	59.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.580%			
50) Toluene-d8	8.647	98	249753	52.608	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.220%			
62) 4-Bromofluorobenzene	11.079	95	105201	56.388	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50225	41.184	ug/l	99
3) Chloromethane	1.294	50	69135	64.799	ug/l	97
4) Vinyl Chloride	1.374	62	64038	55.142	ug/l	100
5) Bromomethane	1.599	94	29995	51.852	ug/l	95
6) Chloroethane	1.672	64	40330	59.015	ug/l	100
7) Trichlorofluoromethane	1.880	101	85247	44.812	ug/l	98
8) Diethyl Ether	2.130	74	48269	65.584	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	51884	46.751	ug/l	95
10) Methyl Iodide	2.447	142	85468	63.365	ug/l	91
11) Tert butyl alcohol	2.965	59	113654	320.113	ug/l #	95
12) 1,1-Dichloroethene	2.313	96	54191	50.144	ug/l	84
13) Acrolein	2.233	56	71119	263.309	ug/l	98
14) Allyl chloride	2.660	41	92325	55.193	ug/l #	87
15) Acrylonitrile	3.062	53	209491	330.580	ug/l	99
16) Acetone	2.380	43	166757	281.630	ug/l #	84
17) Carbon Disulfide	2.508	76	113794	41.395	ug/l	98
18) Methyl Acetate	2.703	43	138532	62.138	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	262946	64.153	ug/l	98
20) Methylene Chloride	2.788	84	82998	62.680	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	65282	53.139	ug/l	85
22) Diisopropyl ether	3.757	45	215042	62.648	ug/l #	87
23) Vinyl Acetate	3.721	43	810628	308.176	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	127453	59.211	ug/l	96
25) 2-Butanone	4.556	43	271645	304.690	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	71931	37.418	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	86157	59.488	ug/l	84
28) Bromochloromethane	4.897	49	59197	61.563	ug/l #	70
29) Tetrahydrofuran	5.001	42	171871	302.289	ug/l #	80
30) Chloroform	5.093	83	140890	58.307	ug/l	97
31) Cyclohexane	5.464	56	73350	43.100	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	109991	50.796	ug/l	95
36) 1,1-Dichloropropene	5.696	75	80540	43.315	ug/l	96
37) Ethyl Acetate	4.708	43	105781	55.692	ug/l #	91
38) Carbon Tetrachloride	5.678	117	86105	42.630	ug/l	99
39) Methylcyclohexane	7.379	83	83683	42.836	ug/l	90
40) Benzene	6.038	78	298410	55.958	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037453.D
 Acq On : 01 Sep 2023 00:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/01/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Sep 01 07:58:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56699	57.422	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	111844	53.481	ug/l	93
43) Isopropyl Acetate	6.336	43	171397	56.838	ug/l #	89
44) Trichloroethene	7.123	130	108226	71.571	ug/l	98
45) 1,2-Dichloropropane	7.428	63	76362	58.074	ug/l	97
46) Dibromomethane	7.580	93	59252	57.201	ug/l	93
47) Bromodichloromethane	7.824	83	108870	54.872	ug/l	98
48) Methyl methacrylate	7.690	41	83562	56.821	ug/l #	80
49) 1,4-Dioxane	7.659	88	46783	1181.209	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	544657	297.446	ug/l	88
52) Toluene	8.720	92	251992	71.518	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	111848	52.945	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	122065	53.469	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	87087	60.698	ug/l	97
56) Ethyl methacrylate	9.116	69	137974	61.395	ug/l #	81
57) 1,3-Dichloropropane	9.305	76	142004	58.712	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	306890	284.559	ug/l	92
59) 2-Hexanone	9.433	43	419528	300.484	ug/l	84
60) Dibromochloromethane	9.519	129	89769	58.766	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92525	58.901	ug/l	99
64) Tetrachloroethene	9.275	164	55498	41.601	ug/l	97
65) Chlorobenzene	10.079	112	199928	51.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	80267	56.270	ug/l	99
67) Ethyl Benzene	10.195	91	360403	52.993	ug/l	99
68) m/p-Xylenes	10.299	106	305998	116.511	ug/l	96
69) o-Xylene	10.640	106	152521	58.862	ug/l	97
70) Styrene	10.653	104	232030	54.361	ug/l	97
71) Bromoform	10.799	173	65521	61.406	ug/l #	100
73) Isopropylbenzene	10.963	105	333642	49.144	ug/l	98
74) N-amyl acetate	10.842	43	153669	58.253	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	142570	62.356	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	116738m	58.686	ug/l	
77) Bromobenzene	11.195	156	89724	54.114	ug/l	91
78) n-propylbenzene	11.305	91	374058	49.480	ug/l	99
79) 2-Chlorotoluene	11.366	91	245629	50.844	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	298880	52.775	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36696	51.525	ug/l	85
82) 4-Chlorotoluene	11.451	91	276698	49.618	ug/l	98
83) tert-Butylbenzene	11.713	119	289613	53.622	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	324976	56.778	ug/l	97
85) sec-Butylbenzene	11.890	105	337817	53.548	ug/l	99
86) p-Isopropyltoluene	12.006	119	293021	53.955	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	160452	51.688	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	164367	51.249	ug/l	99
89) n-Butylbenzene	12.329	91	234995	52.192	ug/l	99
90) Hexachloroethane	12.536	117	49818	54.960	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	170633	56.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	31865	59.980	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	101366	56.991	ug/l	97
94) Hexachlorobutadiene	13.725	225	35822	52.133	ug/l	99
95) Naphthalene	13.774	128	418192	53.676	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	105793	59.869	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
Data File : VX037453.D
Acq On : 01 Sep 2023 00:21
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

Quant Time: Sep 01 07:58:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

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

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

