

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036902.D
 Acq On : 10 Aug 2023 09:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

Quant Time: Aug 11 01:40:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	154876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	259888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108112	47.177	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.360%		
35) Dibromofluoromethane	5.379	113	92563	51.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.640%		
50) Toluene-d8	8.647	98	303088	47.846	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.079	95	123174	51.538	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107058	52.326	ug/l	100
3) Chloromethane	1.301	50	85851	46.134	ug/l	97
4) Vinyl Chloride	1.374	62	97502	51.463	ug/l	98
5) Bromomethane	1.599	94	60308	53.317	ug/l	98
6) Chloroethane	1.679	64	60444	65.620	ug/l	99
7) Trichlorofluoromethane	1.886	101	172154	58.840	ug/l	98
8) Diethyl Ether	2.130	74	60322	53.290	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	96896	55.123	ug/l	99
10) Methyl Iodide	2.453	142	112346	61.533	ug/l	95
11) Tert butyl alcohol	2.959	59	121705	224.330	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	90076	51.940	ug/l	88
13) Acrolein	2.233	56	78587	253.818	ug/l	98
14) Allyl chloride	2.660	41	149167	43.681	ug/l #	94
15) Acrylonitrile	3.062	53	256216	234.835	ug/l	99
16) Acetone	2.380	43	292643	307.742	ug/l	91
17) Carbon Disulfide	2.508	76	227455	47.521	ug/l	99
18) Methyl Acetate	2.697	43	183137	45.780	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	335617	51.499	ug/l	98
20) Methylene Chloride	2.788	84	101198	47.851	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	99931	51.558	ug/l	91
22) Diisopropyl ether	3.757	45	298858	46.092	ug/l #	87
23) Vinyl Acetate	3.715	43	1161843	233.597	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	183221	50.400	ug/l	97
25) 2-Butanone	4.550	43	388294	251.675	ug/l	90
26) 2,2-Dichloropropane	4.471	77	176177	51.431	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	118638	51.534	ug/l	92
28) Bromochloromethane	4.891	49	79436	45.181	ug/l	84
29) Tetrahydrofuran	5.001	42	225564	226.767	ug/l	88
30) Chloroform	5.086	83	197459	53.091	ug/l	100
31) Cyclohexane	5.464	56	150613	47.468	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	181563	53.277	ug/l	97
36) 1,1-Dichloropropene	5.690	75	142587	53.553	ug/l	98
37) Ethyl Acetate	4.708	43	141387	46.917	ug/l	95
38) Carbon Tetrachloride	5.672	117	159425	56.322	ug/l	98
39) Methylcyclohexane	7.379	83	161546	48.795	ug/l	90
40) Benzene	6.031	78	406261	52.445	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036902.D
 Acq On : 10 Aug 2023 09:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

Quant Time: Aug 11 01:40:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	75924	47.106	ug/l #	91
42) 1,2-Dichloroethane	6.080	62	156298	55.186	ug/l	96
43) Isopropyl Acetate	6.336	43	238699	46.015	ug/l #	94
44) Trichloroethene	7.123	130	113144	55.878	ug/l	96
45) 1,2-Dichloropropane	7.427	63	104541	50.546	ug/l	99
46) Dibromomethane	7.574	93	78872	54.489	ug/l	96
47) Bromodichloromethane	7.818	83	158700	53.413	ug/l	97
48) Methyl methacrylate	7.690	41	114376	47.411	ug/l #	88
49) 1,4-Dioxane	7.653	88	49080	1007.069	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	687913	239.633	ug/l	93
52) Toluene	8.714	92	266615	54.929	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	173996	51.813	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	182988	51.639	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	109171	53.506	ug/l	98
56) Ethyl methacrylate	9.116	69	171640	51.661	ug/l	90
57) 1,3-Dichloropropane	9.305	76	182693	53.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	372199	227.359	ug/l	95
59) 2-Hexanone	9.427	43	538652	252.826	ug/l	92
60) Dibromochloromethane	9.519	129	123106	54.895	ug/l	100
61) 1,2-Dibromoethane	9.610	107	117695	55.658	ug/l	99
64) Tetrachloroethene	9.275	164	99822	57.298	ug/l	99
65) Chlorobenzene	10.079	112	281580	54.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	110621	55.590	ug/l	99
67) Ethyl Benzene	10.189	91	507450	53.953	ug/l	100
68) m/p-Xylenes	10.299	106	388142	110.606	ug/l	98
69) o-Xylene	10.640	106	191537	54.681	ug/l	98
70) Styrene	10.653	104	317868	55.002	ug/l	98
71) Bromoform	10.799	173	86532	53.718	ug/l #	99
73) Isopropylbenzene	10.963	105	496209	51.075	ug/l	99
74) N-amyl acetate	10.842	43	197997	43.703	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	158926	48.433	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	139000m	50.340	ug/l	
77) Bromobenzene	11.195	156	117037	52.898	ug/l	94
78) n-propylbenzene	11.305	91	569917	50.723	ug/l	99
79) 2-Chlorotoluene	11.366	91	345728	50.779	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	419493	51.614	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	55501	45.558	ug/l	86
82) 4-Chlorotoluene	11.451	91	399792	51.536	ug/l	98
83) tert-Butylbenzene	11.713	119	397242	49.752	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	419273	51.582	ug/l	97
85) sec-Butylbenzene	11.890	105	492210	49.431	ug/l	99
86) p-Isopropyltoluene	12.006	119	418414	51.067	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	222006	54.176	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	219579	53.994	ug/l	99
89) n-Butylbenzene	12.329	91	359373	48.997	ug/l	99
90) Hexachloroethane	12.536	117	75795	45.631	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	213783	54.062	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36412	47.753	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	128662	52.810	ug/l	98
94) Hexachlorobutadiene	13.725	225	52139	51.730	ug/l	98
95) Naphthalene	13.774	128	457249	53.858	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	127785	53.216	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
Data File : VX036902.D
Acq On : 10 Aug 2023 09:26
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

Quant Time: Aug 11 01:40:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

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

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

