

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039456.D
 Acq On : 22 Dec 2023 21:24
 Operator : JC/MD
 Sample : 05966-14MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COLTOMSD

Quant Time: Dec 23 06:31:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/27/2023
 Supervised By : Mahesh Dadoda 12/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	106011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	196187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81258	41.841	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.680%		
35) Dibromofluoromethane	5.385	113	59164	43.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.300%		
50) Toluene-d8	8.647	98	220722	43.865	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.740%#		
62) 4-Bromofluorobenzene	11.079	95	88390	42.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74577	50.063	ug/l	97
3) Chloromethane	1.294	50	81147	49.137	ug/l	97
4) Vinyl Chloride	1.374	62	79767	51.935	ug/l	99
5) Bromomethane	1.599	94	47483	53.736	ug/l	98
6) Chloroethane	1.685	64	49715	53.713	ug/l	100
7) Trichlorofluoromethane	1.886	101	113020	50.253	ug/l	99
8) Diethyl Ether	2.130	74	40256	51.718	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	67203	48.967	ug/l	95
10) Methyl Iodide	2.453	142	64953	45.788	ug/l	95
11) Tert butyl alcohol	2.953	59	104257	213.782	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	66101	48.487	ug/l	95
13) Acrolein	2.233	56	128233	329.603	ug/l	100
14) Allyl chloride	2.660	41	132036	47.810	ug/l	98
15) Acrylonitrile	3.056	53	249421	255.515	ug/l	99
16) Acetone	2.373	43	207012	176.665	ug/l	94
17) Carbon Disulfide	2.514	76	187423	46.980	ug/l	99
18) Methyl Acetate	2.697	43	190746	45.410	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	238482	48.370	ug/l	98
20) Methylene Chloride	2.788	84	77957	48.153	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	72231	48.692	ug/l	98
22) Diisopropyl ether	3.751	45	253983	50.523	ug/l	96
23) Vinyl Acetate	3.721	43	858579	229.412	ug/l	99
24) 1,1-Dichloroethane	3.605	63	136962	48.197	ug/l	99
25) 2-Butanone	4.544	43	347960	207.633	ug/l	99
26) 2,2-Dichloropropane	4.477	77	106262	42.832	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	83209	50.820	ug/l	99
28) Bromochloromethane	4.891	49	74775	53.928	ug/l	92
29) Tetrahydrofuran	4.995	42	234699	253.598	ug/l	99
30) Chloroform	5.086	83	139905	49.266	ug/l	100
31) Cyclohexane	5.470	56	124183	49.508	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	118482	48.060	ug/l	98
36) 1,1-Dichloropropene	5.696	75	105599	49.373	ug/l	99
37) Ethyl Acetate	4.708	43	121989	46.166	ug/l	99
38) Carbon Tetrachloride	5.678	117	97067	47.557	ug/l	99
39) Methylcyclohexane	7.379	83	122806	47.801	ug/l	99
40) Benzene	6.037	78	299584	49.517	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039456.D
 Acq On : 22 Dec 2023 21:24
 Operator : JC/MD
 Sample : 05966-14MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COLTOMSD

Quant Time: Dec 23 06:31:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	71371	50.623	ug/l	97
42) 1,2-Dichloroethane	6.080	62	119079	48.623	ug/l	99
43) Isopropyl Acetate	6.336	43	199608	46.454	ug/l	99
44) Trichloroethene	7.123	130	72371	47.403	ug/l	92
45) 1,2-Dichloropropane	7.427	63	82789	50.987	ug/l	97
46) Dibromomethane	7.580	93	56277	49.305	ug/l	96
47) Bromodichloromethane	7.818	83	107801	49.396	ug/l	97
48) Methyl methacrylate	7.690	41	125905	50.121	ug/l	97
49) 1,4-Dioxane	7.653	88	34329	1013.821	ug/l #	99
51) 4-Methyl-2-Pentanone	8.567	43	704048	257.164	ug/l	98
52) Toluene	8.714	92	184104	50.417	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	116165	48.348	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	123149	47.635	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	76149	49.951	ug/l	94
56) Ethyl methacrylate	9.116	69	96581	51.896	ug/l	96
57) 1,3-Dichloropropane	9.305	76	132147	50.141	ug/l	99
59) 2-Hexanone	9.427	43	560176	237.084	ug/l	99
60) Dibromochloromethane	9.518	129	75766	49.142	ug/l	100
61) 1,2-Dibromoethane	9.610	107	82632	50.775	ug/l	100
64) Tetrachloroethene	9.275	164	52861	44.243	ug/l	94
65) Chlorobenzene	10.079	112	192784	48.307	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	69504	49.306	ug/l	99
67) Ethyl Benzene	10.189	91	367122	49.420	ug/l	97
68) m/p-Xylenes	10.299	106	263327	98.865	ug/l	94
69) o-Xylene	10.640	106	126806	49.240	ug/l	93
70) Styrene	10.652	104	188417	50.047	ug/l	95
71) Bromoform	10.799	173	49983	47.703	ug/l #	100
73) Isopropylbenzene	10.963	105	344326	48.274	ug/l	100
74) N-amyl acetate	10.841	43	168610	46.721	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	134582	50.720	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	114139m	47.721	ug/l	
77) Bromobenzene	11.195	156	75612	47.938	ug/l	90
78) n-propylbenzene	11.305	91	430631	49.001	ug/l	97
79) 2-Chlorotoluene	11.360	91	253185	47.629	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	295706	48.665	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	37640	44.394	ug/l	96
82) 4-Chlorotoluene	11.451	91	297570	47.660	ug/l	97
83) tert-Butylbenzene	11.713	119	279331	48.303	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	303300	48.674	ug/l	99
85) sec-Butylbenzene	11.890	105	353677	48.063	ug/l	98
86) p-Isopropyltoluene	12.006	119	293247	47.485	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	147290	47.532	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	150289	46.580	ug/l	98
89) n-Butylbenzene	12.329	91	295515	48.677	ug/l	95
90) Hexachloroethane	12.536	117	51614	46.268	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	143207	48.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33840	48.419	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	91662	47.213	ug/l	98
94) Hexachlorobutadiene	13.725	225	32050	43.806	ug/l	98
95) Naphthalene	13.774	128	339658	50.236	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87867	46.882	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
Data File : VX039456.D
Acq On : 22 Dec 2023 21:24
Operator : JC/MD
Sample : 05966-14MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COLT0MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

Quant Time: Dec 23 06:31:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

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

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

