

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044056.D
 Acq On : 02 Dec 2024 11:27
 Operator : JC/MD
 Sample : VX1202WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:15:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	119891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	216106	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85631	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114349	55.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.220%
35) Dibromofluoromethane	5.379	113	84494	54.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.440%
50) Toluene-d8	8.647	98	284899	53.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.040%
62) 4-Bromofluorobenzene	11.079	95	99589	54.974	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.940%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	27376	18.024	ug/l 99
3) Chloromethane	1.294	50	28077	17.567	ug/l 95
4) Vinyl Chloride	1.374	62	30467	17.922	ug/l 93
5) Bromomethane	1.599	94	22463	21.479	ug/l 96
6) Chloroethane	1.666	64	21084	20.354	ug/l 99
7) Trichlorofluoromethane	1.874	101	54424	17.907	ug/l 100
8) Diethyl Ether	2.130	74	21203	19.140	ug/l 93
9) 1,1,2-Trichlorotrifluo...	2.319	101	28642	19.756	ug/l 98
10) Methyl Iodide	2.447	142	36170	19.976	ug/l 99
11) Tert butyl alcohol	2.995	59	29149	88.314	ug/l 100
12) 1,1-Dichloroethene	2.312	96	25641	18.560	ug/l 94
13) Acrolein	2.233	56	40071	115.181	ug/l 99
14) Allyl chloride	2.654	41	43106	19.096	ug/l 96
15) Acrylonitrile	3.062	53	79272	98.556	ug/l 100
16) Acetone	2.380	43	87346	92.483	ug/l 99
17) Carbon Disulfide	2.501	76	45218	15.868	ug/l 100
18) Methyl Acetate	2.703	43	45315	20.603	ug/l 97
19) Methyl tert-butyl Ether	3.111	73	107924	21.515	ug/l 99
20) Methylene Chloride	2.782	84	31344	19.557	ug/l 96
21) trans-1,2-Dichloroethene	3.081	96	26888	18.851	ug/l 97
22) Diisopropyl ether	3.757	45	104135	21.574	ug/l 95
23) Vinyl Acetate	3.715	43	430308	104.212	ug/l 100
24) 1,1-Dichloroethane	3.599	63	57401	20.614	ug/l 98
25) 2-Butanone	4.556	43	118399	97.156	ug/l 98
26) 2,2-Dichloropropane	4.465	77	51470	20.467	ug/l 98
27) cis-1,2-Dichloroethene	4.483	96	35868	20.344	ug/l 99
28) Bromochloromethane	4.891	49	23410	19.099	ug/l 99
29) Tetrahydrofuran	5.001	42	71660	95.917	ug/l 98
30) Chloroform	5.086	83	63656	21.254	ug/l 94
31) Cyclohexane	5.458	56	42839	18.692	ug/l 100
32) 1,1,1-Trichloroethane	5.373	97	54259	21.008	ug/l 100
36) 1,1-Dichloropropene	5.684	75	37907	19.700	ug/l 97
37) Ethyl Acetate	4.714	43	45705	19.135	ug/l 97
38) Carbon Tetrachloride	5.672	117	42719	19.758	ug/l 92
39) Methylcyclohexane	7.373	83	46963	18.786	ug/l 98
40) Benzene	6.031	78	118664	19.798	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24666	20.176	ug/l	96
42) 1,2-Dichloroethane	6.080	62	52044	21.619	ug/l	99
43) Isopropyl Acetate	6.336	43	76956	20.244	ug/l	99
44) Trichloroethene	7.116	130	30071	17.722	ug/l	87
45) 1,2-Dichloropropane	7.427	63	30433	20.730	ug/l	99
46) Dibromomethane	7.580	93	24343	20.962	ug/l	100
47) Bromodichloromethane	7.818	83	45143	21.675	ug/l	99
48) Methyl methacrylate	7.690	41	35482	19.452	ug/l	99
49) 1,4-Dioxane	7.665	88	9697	298.446	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	235787	101.642	ug/l	98
52) Toluene	8.714	92	74583	20.790	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	44997	21.186	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	47727	20.498	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	31117	21.012	ug/l	97
56) Ethyl methacrylate	9.116	69	47741	20.697	ug/l	96
57) 1,3-Dichloropropane	9.305	76	53928	21.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	120492	94.638	ug/l	97
59) 2-Hexanone	9.427	43	173551	99.536	ug/l	99
60) Dibromochloromethane	9.518	129	30754	20.698	ug/l	97
61) 1,2-Dibromoethane	9.604	107	32617	21.782	ug/l	96
64) Tetrachloroethene	9.269	164	25366	20.624	ug/l	98
65) Chlorobenzene	10.079	112	82299	20.090	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	28161	21.196	ug/l	99
67) Ethyl Benzene	10.189	91	145528	20.964	ug/l	99
68) m/p-Xylenes	10.299	106	105678	40.823	ug/l	99
69) o-Xylene	10.640	106	53366	21.114	ug/l	99
70) Styrene	10.652	104	87571	20.948	ug/l	97
71) Bromoform	10.799	173	17720	18.943	ug/l #	100
73) Isopropylbenzene	10.957	105	138834	21.092	ug/l	98
74) N-ethyl acetate	10.841	43	62413	20.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	46399	20.586	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	37969m	20.219	ug/l	
77) Bromobenzene	11.195	156	31692	20.183	ug/l	95
78) n-propylbenzene	11.305	91	153902	20.935	ug/l	98
79) 2-Chlorotoluene	11.360	91	96101	20.673	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	115379	21.306	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11653	16.933	ug/l	90
82) 4-Chlorotoluene	11.451	91	110902	21.131	ug/l	99
83) tert-Butylbenzene	11.713	119	114964	21.418	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	114093	21.162	ug/l	100
85) sec-Butylbenzene	11.890	105	139589	21.225	ug/l	99
86) p-Isopropyltoluene	12.006	119	116577	21.823	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	58729	20.536	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	59565	20.429	ug/l	98
89) n-Butylbenzene	12.329	91	98935	21.006	ug/l	99
90) Hexachloroethane	12.536	117	17639	19.418	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	58571	20.294	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8456	18.724	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	33195	19.509	ug/l	97
94) Hexachlorobutadiene	13.725	225	13281	19.749	ug/l	97
95) Naphthalene	13.774	128	126036	20.577	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	35145	20.407	ug/l	98

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

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