

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033887.D
 Acq On : 25 Jan 2023 14:52
 Operator : JC/MD
 Sample : VX0125WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

Quant Time: Jan 26 06:00:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	162663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77956	45.517	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.040%		
35) Dibromofluoromethane	5.385	113	72354	51.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.960%		
50) Toluene-d8	8.647	98	254852	49.765	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.520%		
62) 4-Bromofluorobenzene	11.079	95	98289	51.694	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	23372	18.182	ug/l	99
3) Chloromethane	1.295	50	26836	18.898	ug/l	100
4) Vinyl Chloride	1.374	62	26531	19.254	ug/l	99
5) Bromomethane	1.618	94	17309	21.862	ug/l	99
6) Chloroethane	1.691	64	14871	17.456	ug/l	99
7) Trichlorofluoromethane	1.892	101	43269	19.363	ug/l	99
8) Diethyl Ether	2.130	74	17795	24.320	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	27200	21.536	ug/l	94
10) Methyl Iodide	2.453	142	35581	19.693	ug/l	92
11) Tert butyl alcohol	2.995	59	25673	86.288	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	25018	18.902	ug/l	89
13) Acrolein	2.233	56	24582	89.547	ug/l	99
14) Allyl chloride	2.666	41	44712	17.911	ug/l	88
15) Acrylonitrile	3.063	53	75824	96.835	ug/l	99
16) Acetone	2.392	43	72987	110.342	ug/l	92
17) Carbon Disulfide	2.514	76	53821	17.305	ug/l	99
18) Methyl Acetate	2.703	43	47738	19.972	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	89257	19.417	ug/l	100
20) Methylene Chloride	2.788	84	29314	18.086	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	26744	17.284	ug/l	97
22) Diisopropyl ether	3.758	45	94338	18.782	ug/l	93
23) Vinyl Acetate	3.721	43	353819	93.577	ug/l	99
24) 1,1-Dichloroethane	3.611	63	50166	18.256	ug/l	97
25) 2-Butanone	4.556	43	105722	94.475	ug/l	95
26) 2,2-Dichloropropane	4.471	77	35319	17.943	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	32759	18.416	ug/l	98
28) Bromochloromethane	4.898	49	24157	19.299	ug/l	95
29) Tetrahydrofuran	5.007	42	66672	94.531	ug/l	98
30) Chloroform	5.093	83	51573	18.324	ug/l	99
31) Cyclohexane	5.471	56	44203	17.539	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	43345	18.038	ug/l	97
36) 1,1-Dichloropropene	5.690	75	37265	18.166	ug/l	99
37) Ethyl Acetate	4.709	43	39723	18.494	ug/l	99
38) Carbon Tetrachloride	5.672	117	39154	18.429	ug/l	97
39) Methylcyclohexane	7.379	83	46615	18.401	ug/l	96
40) Benzene	6.032	78	112511	18.817	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23258	20.575	ug/l	97
42) 1,2-Dichloroethane	6.086	62	39665	18.720	ug/l	97
43) Isopropyl Acetate	6.336	43	62135	19.187	ug/l	98
44) Trichloroethene	7.123	130	34059	20.370	ug/l	93
45) 1,2-Dichloropropane	7.428	63	29462	19.670	ug/l	100
46) Dibromomethane	7.580	93	20562	19.654	ug/l	96
47) Bromodichloromethane	7.818	83	39393	19.538	ug/l	99
48) Methyl methacrylate	7.690	41	31872	19.538	ug/l	96
49) 1,4-Dioxane	7.708	88	12644	350.405	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	202337	101.736	ug/l	99
52) Toluene	8.714	92	74725	19.353	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39246	19.464	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	44628	19.753	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	31669	20.720	ug/l	99
56) Ethyl methacrylate	9.116	69	45049	20.944	ug/l	97
57) 1,3-Dichloropropane	9.305	76	51003	20.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	108637	102.553	ug/l	99
59) 2-Hexanone	9.427	43	153794	111.101	ug/l	98
60) Dibromochloromethane	9.519	129	33408	21.084	ug/l	100
61) 1,2-Dibromoethane	9.610	107	32585	21.362	ug/l	96
64) Tetrachloroethene	9.275	164	30485	20.091	ug/l	96
65) Chlorobenzene	10.080	112	83518	19.568	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	31061	19.774	ug/l	99
67) Ethyl Benzene	10.195	91	141492	19.308	ug/l	99
68) m/p-Xylenes	10.299	106	114365	39.899	ug/l	98
69) o-Xylene	10.640	106	56327	19.816	ug/l	98
70) Styrene	10.653	104	92990	20.115	ug/l	99
71) Bromoform	10.799	173	26275	19.962	ug/l #	99
73) Isopropylbenzene	10.964	105	148287	18.696	ug/l	100
74) N-amyl acetate	10.842	43	54449	18.651	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	46971	19.936	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	41370m	20.253	ug/l	
77) Bromobenzene	11.195	156	40828	19.282	ug/l	98
78) n-propylbenzene	11.305	91	165207	18.211	ug/l	100
79) 2-Chlorotoluene	11.366	91	98371	18.175	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	122757	18.350	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12048	18.331	ug/l	99
82) 4-Chlorotoluene	11.451	91	113245	18.303	ug/l	100
83) tert-Butylbenzene	11.713	119	129044	19.427	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	124783	19.719	ug/l	100
85) sec-Butylbenzene	11.890	105	153090	19.269	ug/l	99
86) p-Isopropyltoluene	12.006	119	135234	19.882	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	74844	19.924	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	74954	19.587	ug/l	98
89) n-Butylbenzene	12.329	91	109046	19.596	ug/l	100
90) Hexachloroethane	12.536	117	20697	18.498	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	74423	20.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8920	19.662	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	51596	21.131	ug/l	100
94) Hexachlorobutadiene	13.725	225	24250	20.274	ug/l	98
95) Naphthalene	13.774	128	148572	21.149	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52078	21.315	ug/l	99

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

