

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032936.D
 Acq On : 18 Nov 2022 19:33
 Operator : JC/MD
 Sample : N5671-16MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20221116MS

Quant Time: Nov 19 03:11:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	86331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64927	54.126	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.260%			
35) Dibromofluoromethane	5.385	113	54579	56.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.120%			
50) Toluene-d8	8.647	98	177654	52.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.900%			
62) 4-Bromofluorobenzene	11.079	95	75904	57.911	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41500	41.679	ug/l	100
3) Chloromethane	1.294	50	34773	41.295	ug/l	98
4) Vinyl Chloride	1.374	62	40993	44.234	ug/l	99
5) Bromomethane	1.617	94	36322	49.044	ug/l	97
6) Chloroethane	1.691	64	41087	66.087	ug/l	99
7) Trichlorofluoromethane	1.892	101	87336	49.737	ug/l	99
8) Diethyl Ether	2.130	74	29097	51.133	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	48488	52.318	ug/l	99
10) Methyl Iodide	2.453	142	54054	52.343	ug/l	100
11) Tert butyl alcohol	3.007	59	42898m	245.703	ug/l	
12) 1,1-Dichloroethene	2.319	96	42396	48.968	ug/l	96
13) Acrolein	2.239	56	56889	326.391	ug/l	99
14) Allyl chloride	2.666	41	70441	51.040	ug/l	99
15) Acrylonitrile	3.062	53	119188	251.540	ug/l	99
16) Acetone	2.392	43	104712	240.176	ug/l	100
17) Carbon Disulfide	2.514	76	81048	39.302	ug/l	99
18) Methyl Acetate	2.703	43	75918	53.548	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	164890	54.187	ug/l	98
20) Methylene Chloride	2.788	84	50937	50.956	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	45448	48.226	ug/l	94
22) Diisopropyl ether	3.757	45	168710	56.515	ug/l	90
23) Vinyl Acetate	3.721	43	595994	247.115	ug/l	100
24) 1,1-Dichloroethane	3.611	63	93265	54.316	ug/l	99
25) 2-Butanone	4.562	43	165258	244.661	ug/l	97
26) 2,2-Dichloropropane	4.477	77	68884	50.467	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	60343	55.395	ug/l	100
28) Bromochloromethane	4.904	49	30101	49.215	ug/l	99
29) Tetrahydrofuran	5.013	42	105105	244.025	ug/l	100
30) Chloroform	5.092	83	108599	57.638	ug/l	99
31) Cyclohexane	5.470	56	69031	47.463	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	94729	56.027	ug/l	99
36) 1,1-Dichloropropene	5.696	75	68875	51.255	ug/l	99
37) Ethyl Acetate	4.715	43	64171	45.878	ug/l	99
38) Carbon Tetrachloride	5.678	117	79991	53.670	ug/l	98
39) Methylcyclohexane	7.379	83	74805	47.051	ug/l	98
40) Benzene	6.037	78	204791	53.855	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	38945	54.656	ug/l	99
42) 1,2-Dichloroethane	6.086	62	88797	57.125	ug/l	100
43) Isopropyl Acetate	6.342	43	110756	51.571	ug/l	100
44) Trichloroethene	7.129	130	62236	58.139	ug/l	97
45) 1,2-Dichloropropane	7.427	63	55277	56.628	ug/l	98
46) Dibromomethane	7.580	93	41396	55.297	ug/l	99
47) Bromodichloromethane	7.824	83	84168	59.323	ug/l	98
48) Methyl methacrylate	7.690	41	58026	52.315	ug/l	99
49) 1,4-Dioxane	7.708	88	21893	1035.722	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	365681	270.327	ug/l	100
52) Toluene	8.720	92	140001	56.431	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	82009	56.651	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86669	55.975	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	60463	57.869	ug/l	98
56) Ethyl methacrylate	9.116	69	84967	56.510	ug/l	98
57) 1,3-Dichloropropane	9.311	76	96975	57.474	ug/l	100
59) 2-Hexanone	9.433	43	266399	265.405	ug/l	100
60) Dibromochloromethane	9.519	129	66598	58.357	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61770	55.796	ug/l	99
64) Tetrachloroethene	9.275	164	49031	53.059	ug/l	98
65) Chlorobenzene	10.079	112	156208	55.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	61525	57.803	ug/l	99
67) Ethyl Benzene	10.195	91	277317	54.834	ug/l	100
68) m/p-Xylenes	10.299	106	214418	109.185	ug/l	100
69) o-Xylene	10.640	106	107532	56.318	ug/l	100
70) Styrene	10.652	104	183745	57.905	ug/l	99
71) Bromoform	10.799	173	48169	57.238	ug/l #	99
73) Isopropylbenzene	10.963	105	291321	53.216	ug/l	100
74) N-amyl acetate	10.841	43	100665	48.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	92628	52.715	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82242m	53.511	ug/l	
77) Bromobenzene	11.201	156	71322	53.143	ug/l	99
78) n-propylbenzene	11.305	91	332795	52.765	ug/l	100
79) 2-Chlorotoluene	11.366	91	202505	53.613	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	250502	53.542	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22942	47.499	ug/l	95
82) 4-Chlorotoluene	11.457	91	238120	53.876	ug/l	100
83) tert-Butylbenzene	11.713	119	247319	52.948	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	248508	53.404	ug/l	100
85) sec-Butylbenzene	11.890	105	299927	53.363	ug/l	99
86) p-Isopropyltoluene	12.012	119	256974	53.882	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	134256	53.032	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	137166	52.227	ug/l	99
89) n-Butylbenzene	12.335	91	215990	52.058	ug/l	99
90) Hexachloroethane	12.542	117	41911	53.802	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	137509	55.087	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18509	48.042	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	81538	50.096	ug/l	100
94) Hexachlorobutadiene	13.725	225	34300	50.459	ug/l	99
95) Naphthalene	13.774	128	269808	49.749	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	84200	50.891	ug/l	98

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

