

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031675.D
 Acq On : 27 Sep 2022 02:21
 Operator : JC/MD
 Sample : N4791-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-503-505MS

Quant Time: Sep 27 04:41:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	60147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	95432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70181	54.976	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.960%			
35) Dibromofluoromethane	5.385	113	58514	51.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	8.647	98	216539	52.527	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.060%			
62) 4-Bromofluorobenzene	11.079	95	84647	56.023	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32156	43.929	ug/l	99
3) Chloromethane	1.288	50	34931	54.324	ug/l	99
4) Vinyl Chloride	1.368	62	46397	46.057	ug/l	99
5) Bromomethane	1.611	94	58095	66.180	ug/l	98
6) Chloroethane	1.685	64	58104	48.435	ug/l	99
7) Trichlorofluoromethane	1.886	101	109521	44.288	ug/l	99
8) Diethyl Ether	2.130	74	39990	57.121	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	32714	40.917	ug/l	90
10) Methyl Iodide	2.453	142	41171	52.535	ug/l	98
11) Tert butyl alcohol	3.001	59	30098	174.837	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	31402	51.211	ug/l	88
13) Acrolein	2.239	56	18415	240.399	ug/l	99
14) Allyl chloride	2.666	41	48211	45.832	ug/l	90
15) Acrylonitrile	3.068	53	105984	239.222	ug/l	99
16) Acetone	2.386	43	78991	268.661	ug/l	100
17) Carbon Disulfide	2.514	76	64075	47.732	ug/l	98
18) Methyl Acetate	2.703	43	48821	42.558	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	150598	53.040	ug/l	97
20) Methylene Chloride	2.788	84	41846	51.901	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	43060	48.717	ug/l	94
22) Diisopropyl ether	3.757	45	146394	54.074	ug/l #	88
23) Vinyl Acetate	3.721	43	545430	254.744	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	78948	50.582	ug/l	99
25) 2-Butanone	4.562	43	150788	247.462	ug/l	91
26) 2,2-Dichloropropane	4.477	77	52402	41.365	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	55786	51.535	ug/l	88
28) Bromochloromethane	4.897	49	38044	52.105	ug/l #	78
29) Tetrahydrofuran	5.007	42	98660	257.742	ug/l	87
30) Chloroform	5.093	83	103931	54.128	ug/l	99
31) Cyclohexane	5.477	56	58316	48.045	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	87061	54.745	ug/l	99
36) 1,1-Dichloropropene	5.690	75	63881	48.918	ug/l	98
37) Ethyl Acetate	4.715	43	60553	45.972	ug/l	98
38) Carbon Tetrachloride	5.678	117	73415	49.885	ug/l	96
39) Methylcyclohexane	7.379	83	66319	44.573	ug/l	93
40) Benzene	6.037	78	203223	50.670	ug/l	99

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41) Methacrylonitrile	4.916	41	34330	51.221	ug/l	92
42) 1,2-Dichloroethane	6.086	62	81772	52.718	ug/l	99
43) Isopropyl Acetate	6.342	43	103398	49.876	ug/l	96
44) Trichloroethene	7.129	130	56845	50.179	ug/l	93
45) 1,2-Dichloropropane	7.434	63	49002	50.342	ug/l	92
46) Dibromomethane	7.580	93	40473	51.774	ug/l	92
47) Bromodichloromethane	7.824	83	78307	55.512	ug/l	98
48) Methyl methacrylate	7.696	41	49583	54.384	ug/l	87
49) 1,4-Dioxane	7.690	88	21153	951.683	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	340000	259.106	ug/l	93
52) Toluene	8.720	92	142098	53.151	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	77178	47.471	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	79014	53.899	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	61802	53.692	ug/l	96
56) Ethyl methacrylate	9.116	69	85262	57.895	ug/l	90
57) 1,3-Dichloropropane	9.311	76	97743	53.620	ug/l	99
59) 2-Hexanone	9.433	43	252898	258.310	ug/l	93
60) Dibromochloromethane	9.525	129	67064	49.903	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67021	57.359	ug/l	98
64) Tetrachloroethene	9.275	164	57064	47.554	ug/l	98
65) Chlorobenzene	10.079	112	157757	50.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	61147	54.334	ug/l	97
67) Ethyl Benzene	10.195	91	270780	50.893	ug/l	97
68) m/p-Xylenes	10.305	106	224183	104.866	ug/l	96
69) o-Xylene	10.640	106	111564	53.391	ug/l	96
70) Styrene	10.659	104	177046	52.052	ug/l	98
71) Bromoform	10.799	173	47408	49.066	ug/l #	99
73) Isopropylbenzene	10.963	105	285590	51.751	ug/l	100
74) N-amyl acetate	10.841	43	92943	51.920	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	94789	54.057	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	84568m	54.666	ug/l	
77) Bromobenzene	11.201	156	74077	52.802	ug/l	93
78) n-propylbenzene	11.305	91	321880	52.415	ug/l	99
79) 2-Chlorotoluene	11.366	91	198500	52.345	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	249627	53.362	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22553	49.621	ug/l	94
82) 4-Chlorotoluene	11.457	91	232947	53.172	ug/l	98
83) tert-Butylbenzene	11.713	119	245258	54.367	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	254885	55.045	ug/l	100
85) sec-Butylbenzene	11.890	105	298730	52.106	ug/l	100
86) p-Isopropyltoluene	12.012	119	257641	52.112	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	141846	52.155	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	142326	49.994	ug/l	99
89) n-Butylbenzene	12.335	91	202966	50.255	ug/l	99
90) Hexachloroethane	12.542	117	41931	52.891	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	141718	52.033	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19763	56.246	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	78489	49.279	ug/l	99
94) Hexachlorobutadiene	13.725	225	27492	44.265	ug/l	96
95) Naphthalene	13.774	128	290900	54.678	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	81427	49.814	ug/l	97

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

