

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032216.D
 Acq On : 19 Oct 2022 18:32
 Operator : JC/MD
 Sample : VX1019WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBS01

Quant Time: Oct 20 04:28:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	139808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96503	53.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.120%			
35) Dibromofluoromethane	5.385	113	75831	49.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.560%			
50) Toluene-d8	8.647	98	277515	50.609	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.220%			
62) 4-Bromofluorobenzene	11.079	95	103829	51.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	25343	19.814	ug/l	96
3) Chloromethane	1.295	50	23493	17.748	ug/l	95
4) Vinyl Chloride	1.374	62	26657	19.351	ug/l	97
5) Bromomethane	1.612	94	24753	17.162	ug/l	100
6) Chloroethane	1.685	64	17898	14.810	ug/l	96
7) Trichlorofluoromethane	1.892	101	50521	20.630	ug/l	98
8) Diethyl Ether	2.130	74	16932	20.346	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	25107	18.911	ug/l	99
10) Methyl Iodide	2.453	142	34871	18.175	ug/l	99
11) Tert butyl alcohol	2.965	59	22129	69.743	ug/l	98
12) 1,1-Dichloroethene	2.319	96	23441	18.785	ug/l	95
13) Acrolein	2.233	56	26240	118.517	ug/l	98
14) Allyl chloride	2.666	41	36837	18.795	ug/l	96
15) Acrylonitrile	3.063	53	61560	90.248	ug/l	98
16) Acetone	2.380	43	52334	88.668	ug/l	99
17) Carbon Disulfide	2.514	76	52290	17.899	ug/l	100
18) Methyl Acetate	2.703	43	37218	18.574	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	83012	19.305	ug/l	100
20) Methylene Chloride	2.788	84	28036	18.499	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	25239	18.570	ug/l	98
22) Diisopropyl ether	3.764	45	81712	19.039	ug/l	88
23) Vinyl Acetate	3.721	43	324581	94.621	ug/l	100
24) 1,1-Dichloroethane	3.611	63	46655	18.814	ug/l	98
25) 2-Butanone	4.556	43	83759	90.894	ug/l	100
26) 2,2-Dichloropropane	4.477	77	35069	19.628	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	30337	19.063	ug/l	98
28) Bromochloromethane	4.898	49	19151	18.719	ug/l	100
29) Tetrahydrofuran	5.007	42	52834	88.771	ug/l	99
30) Chloroform	5.099	83	51142	18.948	ug/l	98
31) Cyclohexane	5.471	56	40258	19.362	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	45563	19.796	ug/l	100
36) 1,1-Dichloropropene	5.696	75	36433	18.592	ug/l	99
37) Ethyl Acetate	4.715	43	34111	17.779	ug/l	99
38) Carbon Tetrachloride	5.684	117	38564	18.642	ug/l	96
39) Methylcyclohexane	7.379	83	44868	19.167	ug/l	97
40) Benzene	6.038	78	106593	18.768	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19536	19.310	ug/l	99
42) 1,2-Dichloroethane	6.092	62	42604	19.584	ug/l	99
43) Isopropyl Acetate	6.336	43	56387	18.725	ug/l	99
44) Trichloroethene	7.129	130	29349	18.766	ug/l	95
45) 1,2-Dichloropropane	7.428	63	27503	19.196	ug/l	95
46) Dibromomethane	7.580	93	20025	18.740	ug/l	99
47) Bromodichloromethane	7.824	83	35744	18.107	ug/l	99
48) Methyl methacrylate	7.696	41	28983	19.299	ug/l	98
49) 1,4-Dioxane	7.678	88	10136	336.300	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	176796	93.660	ug/l	100
52) Toluene	8.720	92	68006	18.485	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	36275	17.533	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	40495	18.411	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	28187	18.860	ug/l	98
56) Ethyl methacrylate	9.116	69	40829	18.968	ug/l	98
57) 1,3-Dichloropropane	9.311	76	45839	18.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	93408	94.675	ug/l	99
59) 2-Hexanone	9.433	43	129225	91.747	ug/l	99
60) Dibromochloromethane	9.525	129	27664	18.060	ug/l	98
61) 1,2-Dibromoethane	9.610	107	29404	18.559	ug/l	99
64) Tetrachloroethene	9.275	164	24070	18.467	ug/l	95
65) Chlorobenzene	10.080	112	75622	18.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26775	18.491	ug/l	100
67) Ethyl Benzene	10.195	91	136702	19.080	ug/l	100
68) m/p-Xylenes	10.299	106	106018	37.469	ug/l	99
69) o-Xylene	10.640	106	51300	18.926	ug/l	99
70) Styrene	10.659	104	84572	18.502	ug/l	98
71) Bromoform	10.799	173	18296	16.396	ug/l #	99
73) Isopropylbenzene	10.964	105	136020	18.878	ug/l	100
74) N-amyl acetate	10.842	43	52331	19.659	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	42835	18.492	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38003m	18.994	ug/l	
77) Bromobenzene	11.201	156	33907	19.199	ug/l	98
78) n-propylbenzene	11.305	91	159703	19.357	ug/l	99
79) 2-Chlorotoluene	11.366	91	94861	19.078	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	118010	18.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9479	16.837	ug/l	92
82) 4-Chlorotoluene	11.457	91	110775	19.135	ug/l	99
83) tert-Butylbenzene	11.713	119	119508	19.192	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	119687	19.780	ug/l	98
85) sec-Butylbenzene	11.890	105	144896	19.254	ug/l	100
86) p-Isopropyltoluene	12.012	119	123280	19.253	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	62718	18.450	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	64029	18.337	ug/l	98
89) n-Butylbenzene	12.335	91	108082	19.164	ug/l	99
90) Hexachloroethane	12.543	117	17440	17.553	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	63542	19.041	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8410	17.513	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	41072	18.906	ug/l	99
94) Hexachlorobutadiene	13.725	225	17021	18.052	ug/l	99
95) Naphthalene	13.774	128	140283	20.162	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41472	18.980	ug/l	98

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

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