

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032164.D
 Acq On : 17 Oct 2022 19:22
 Operator : JC/MD
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Quant Time: Oct 18 04:23:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 04:18:35 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	141380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109473	48.617	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.240%		
35) Dibromofluoromethane	5.385	113	81487	49.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.800%		
50) Toluene-d8	8.647	98	302914	52.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.780%		
62) 4-Bromofluorobenzene	11.079	95	113314	51.963	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27250	17.505	ug/l	99
3) Chloromethane	1.288	50	25024	16.649	ug/l	98
4) Vinyl Chloride	1.374	62	27606	16.483	ug/l	97
5) Bromomethane	1.611	94	25045	20.202	ug/l	94
6) Chloroethane	1.685	64	24063	19.353	ug/l	100
7) Trichlorofluoromethane	1.886	101	50319	19.255	ug/l	94
8) Diethyl Ether	2.130	74	16981	19.657	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	30460	24.662	ug/l	95
10) Methyl Iodide	2.453	142	30247	20.201	ug/l	98
11) Tert butyl alcohol	2.995	59	31436	101.505	ug/l	99
12) 1,1-Dichloroethene	2.319	96	27839	24.126	ug/l	97
13) Acrolein	2.239	56	29317	112.464	ug/l	98
14) Allyl chloride	2.666	41	44947	22.041	ug/l	96
15) Acrylonitrile	3.062	53	77864	104.732	ug/l	99
16) Acetone	2.386	43	71325	131.737	ug/l	98
17) Carbon Disulfide	2.508	76	62956	21.743	ug/l	99
18) Methyl Acetate	2.709	43	47504	21.544	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	99756	20.827	ug/l	99
20) Methylene Chloride	2.788	84	31002	18.624	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	30044	19.216	ug/l	97
22) Diisopropyl ether	3.757	45	97763	19.297	ug/l #	84
23) Vinyl Acetate	3.721	43	391996	99.051	ug/l	100
24) 1,1-Dichloroethane	3.611	63	56500	19.135	ug/l	99
25) 2-Butanone	4.562	43	110774	95.757	ug/l	99
26) 2,2-Dichloropropane	4.477	77	43377	18.665	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	36136	19.216	ug/l	96
28) Bromochloromethane	4.897	49	23645	19.599	ug/l	93
29) Tetrahydrofuran	5.007	42	69601	100.329	ug/l	96
30) Chloroform	5.093	83	63688	19.708	ug/l	100
31) Cyclohexane	5.471	56	50137	19.979	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	56308	20.214	ug/l	99
36) 1,1-Dichloropropene	5.696	75	45605	19.304	ug/l	98
37) Ethyl Acetate	4.715	43	45132	19.037	ug/l	99
38) Carbon Tetrachloride	5.678	117	48703	19.467	ug/l	99
39) Methylcyclohexane	7.379	83	53906	19.013	ug/l	97
40) Benzene	6.044	78	128995	19.521	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25281	20.681	ug/l	99
42) 1,2-Dichloroethane	6.086	62	54936	19.849	ug/l	97
43) Isopropyl Acetate	6.342	43	71273	19.951	ug/l	99
44) Trichloroethene	7.129	130	35727	19.189	ug/l	90
45) 1,2-Dichloropropane	7.427	63	31592	19.190	ug/l	99
46) Dibromomethane	7.580	93	21214	16.775	ug/l	95
47) Bromodichloromethane	7.824	83	46640	19.797	ug/l	99
48) Methyl methacrylate	7.696	41	36071	19.923	ug/l	98
49) 1,4-Dioxane	7.690	88	14945	402.580	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	231260	105.565	ug/l	100
52) Toluene	8.720	92	84576	20.089	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	45878	21.831	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	50186	20.337	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	34458	21.560	ug/l	97
56) Ethyl methacrylate	9.116	69	49136	21.527	ug/l	97
57) 1,3-Dichloropropane	9.311	76	58992	21.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	111428	98.537	ug/l	96
59) 2-Hexanone	9.433	43	175660	108.235	ug/l	99
60) Dibromochloromethane	9.525	129	33886	20.494	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36143	20.940	ug/l	100
64) Tetrachloroethene	9.275	164	34237	18.956	ug/l	95
65) Chlorobenzene	10.079	112	89845	18.815	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	32737	19.784	ug/l	99
67) Ethyl Benzene	10.195	91	164626	19.616	ug/l	100
68) m/p-Xylenes	10.305	106	126659	39.358	ug/l	96
69) o-Xylene	10.640	106	60902	19.232	ug/l	93
70) Styrene	10.659	104	100880	19.714	ug/l	97
71) Bromoform	10.799	173	21923	18.836	ug/l #	100
73) Isopropylbenzene	10.963	105	165035	20.047	ug/l	98
74) N-amyl acetate	10.841	43	59601	20.680	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	50944	19.303	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	47084m	19.945	ug/l	
77) Bromobenzene	11.201	156	38265	19.094	ug/l	96
78) n-propylbenzene	11.305	91	192511	19.515	ug/l	98
79) 2-Chlorotoluene	11.366	91	117204	19.234	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	142342	19.589	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11691	19.065	ug/l #	75
82) 4-Chlorotoluene	11.457	91	136961	19.287	ug/l	95
83) tert-Butylbenzene	11.713	119	133878	18.729	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	142885	19.542	ug/l	98
85) sec-Butylbenzene	11.890	105	175098	19.573	ug/l	98
86) p-Isopropyltoluene	12.012	119	150138	20.161	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	73088	18.871	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	73967	18.701	ug/l	97
89) n-Butylbenzene	12.335	91	127002	20.685	ug/l	98
90) Hexachloroethane	12.542	117	21104	20.422	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	74441	20.115	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11626	20.249	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	44288	21.546	ug/l	99
94) Hexachlorobutadiene	13.725	225	16962	19.690	ug/l	98
95) Naphthalene	13.774	128	141160	20.550	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37092	18.025	ug/l	99

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

