

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
 Data File : VX033795.D
 Acq On : 19 Jan 2023 12:51
 Operator : JC/MD
 Sample : VX0119WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0119WBSD01

Quant Time: Jan 20 05:19:58 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245937	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89005	49.152	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.300%		
35) Dibromofluoromethane	5.385	113	81556	53.405	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.800%		
50) Toluene-d8	8.647	98	290089	52.135	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.280%		
62) 4-Bromofluorobenzene	11.079	95	107260	51.920	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26027	19.150	ug/l	100
3) Chloromethane	1.294	50	31393	20.909	ug/l	94
4) Vinyl Chloride	1.374	62	31419	21.566	ug/l	99
5) Bromomethane	1.617	94	18669	22.302	ug/l	99
6) Chloroethane	1.691	64	18255	20.267	ug/l	99
7) Trichlorofluoromethane	1.892	101	45493	19.255	ug/l	96
8) Diethyl Ether	2.136	74	18135	23.442	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	29088	21.775	ug/l	94
10) Methyl Iodide	2.453	142	31949	16.725	ug/l	93
11) Tert butyl alcohol	3.020	59	30259	96.191	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	27270	19.487	ug/l	96
13) Acrolein	2.239	56	34750	119.728	ug/l	98
14) Allyl chloride	2.666	41	49978	18.936	ug/l	89
15) Acrylonitrile	3.068	53	80911	97.733	ug/l	99
16) Acetone	2.398	43	69594	98.233	ug/l	94
17) Carbon Disulfide	2.514	76	62875	18.929	ug/l	98
18) Methyl Acetate	2.709	43	50206	19.867	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	95978	19.748	ug/l	98
20) Methylene Chloride	2.788	84	34473	20.412	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	29325	17.926	ug/l	95
22) Diisopropyl ether	3.757	45	102413	19.285	ug/l	93
23) Vinyl Acetate	3.721	43	384328	96.139	ug/l	99
24) 1,1-Dichloroethane	3.611	63	54735	18.839	ug/l	98
25) 2-Butanone	4.568	43	111286	94.059	ug/l	97
26) 2,2-Dichloropropane	4.477	77	38626	18.560	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	36027	19.155	ug/l	97
28) Bromochloromethane	4.897	49	25034	18.916	ug/l	97
29) Tetrahydrofuran	5.019	42	71605	96.024	ug/l	99
30) Chloroform	5.092	83	55978	18.811	ug/l	96
31) Cyclohexane	5.477	56	50473	18.942	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	47436	18.671	ug/l	100
36) 1,1-Dichloropropene	5.696	75	41974	18.833	ug/l	98
37) Ethyl Acetate	4.714	43	44228	19.026	ug/l	99
38) Carbon Tetrachloride	5.684	117	42350	18.346	ug/l	93
39) Methylcyclohexane	7.379	83	52016	18.898	ug/l	96
40) Benzene	6.037	78	124797	19.210	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24212	19.713	ug/l	98
42) 1,2-Dichloroethane	6.086	62	42125	18.297	ug/l	98
43) Isopropyl Acetate	6.342	43	67191	19.096	ug/l	100
44) Trichloroethene	7.129	130	35548	19.568	ug/l	99
45) 1,2-Dichloropropane	7.427	63	32606	20.036	ug/l	99
46) Dibromomethane	7.580	93	22010	19.363	ug/l	99
47) Bromodichloromethane	7.818	83	42119	19.227	ug/l	97
48) Methyl methacrylate	7.690	41	35122	19.816	ug/l	96
49) 1,4-Dioxane	7.726	88	15753	401.803	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	215957	99.938	ug/l	99
52) Toluene	8.720	92	82586	19.686	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	41825	19.091	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	47305	19.271	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	32752	19.723	ug/l	98
56) Ethyl methacrylate	9.116	69	47656	20.391	ug/l	98
57) 1,3-Dichloropropane	9.311	76	53841	19.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	111572	96.937	ug/l	100
59) 2-Hexanone	9.433	43	158704	105.519	ug/l	100
60) Dibromochloromethane	9.518	129	34035	19.769	ug/l	98
61) 1,2-Dibromoethane	9.610	107	34306	20.700	ug/l	98
64) Tetrachloroethene	9.275	164	31824	19.734	ug/l	95
65) Chlorobenzene	10.079	112	88807	19.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	33468	20.074	ug/l	98
67) Ethyl Benzene	10.195	91	155255	19.960	ug/l	99
68) m/p-Xylenes	10.299	106	122164	40.154	ug/l	100
69) o-Xylene	10.640	106	59612	19.758	ug/l	99
70) Styrene	10.652	104	99623	20.303	ug/l	99
71) Bromoform	10.799	173	26535	18.993	ug/l #	98
73) Isopropylbenzene	10.963	105	156990	19.200	ug/l	100
74) N-amyl acetate	10.841	43	58452	19.358	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	47466	19.395	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42400m	20.069	ug/l	
77) Bromobenzene	11.195	156	43155	19.758	ug/l	98
78) n-propylbenzene	11.305	91	172308	18.364	ug/l	100
79) 2-Chlorotoluene	11.366	91	104451	18.743	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	131094	18.946	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11926	17.543	ug/l	93
82) 4-Chlorotoluene	11.451	91	119544	18.745	ug/l	100
83) tert-Butylbenzene	11.713	119	134138	19.525	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	128806	19.679	ug/l	100
85) sec-Butylbenzene	11.890	105	162070	19.723	ug/l	100
86) p-Isopropyltoluene	12.012	119	138744	19.721	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	76642	19.726	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	76105	19.228	ug/l	98
89) n-Butylbenzene	12.329	91	109970	19.107	ug/l	99
90) Hexachloroethane	12.536	117	21561	18.631	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	74902	19.978	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8911	18.991	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	50604	20.037	ug/l	99
94) Hexachlorobutadiene	13.725	225	23529	19.019	ug/l	99
95) Naphthalene	13.774	128	147695	20.327	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50896	20.140	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

