

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102820\
 Data File : VX019159.D
 Acq On : 28 Oct 2020 12:47
 Operator : JC/MD
 Sample : VX1028WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1028WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:45:41 AM

Quant Time: Oct 29 02:15:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	452629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175401	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	5.46	113	140230	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	8.70	98	528687	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.12	95	194103	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	43136	18.641	ug/l	98
3) Chloromethane	1.31	50	48103	18.607	ug/l	98
4) Vinyl Chloride	1.39	62	55973	18.670	ug/l	99
5) Bromomethane	1.64	94	41997	20.512	ug/l	98
6) Chloroethane	1.72	64	36738	19.192	ug/l	98
7) Trichlorofluoromethane	1.92	101	89562	19.015	ug/l	96
8) Diethyl Ether	2.17	74	35351	19.556	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50650	19.401	ug/l	99
10) Methyl Iodide	2.49	142	55400	22.063	ug/l	99
11) Tert butyl alcohol	3.03	59	67591	95.599	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49254	18.308	ug/l	97
13) Acrolein	2.28	56	27461	90.556	ug/l	100
14) Allyl chloride	2.71	41	77382	18.990	ug/l	99
15) Acrylonitrile	3.12	53	142134	95.667	ug/l	100
16) Acetone	2.43	43	120418	97.512	ug/l	98
17) Carbon Disulfide	2.55	76	134982	18.094	ug/l	98
18) Methyl Acetate	2.75	43	57093	19.012	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	182108	19.537	ug/l	100
20) Methylene Chloride	2.83	84	58334	18.816	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	55732	18.000	ug/l	94
22) Diisopropyl ether	3.82	45	162011	19.943	ug/l	90
23) Vinyl Acetate	3.78	43	723408	99.859	ug/l	98
24) 1,1-Dichloroethane	3.67	63	97136	19.151	ug/l	99
25) 2-Butanone	4.64	43	187996	96.596	ug/l	100
26) 2,2-Dichloropropane	4.54	77	89157	18.698	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	65011	18.790	ug/l	99
28) Bromochloromethane	4.98	49	46421	20.132	ug/l	97
29) Tetrahydrofuran	5.09	42	121949	99.429	ug/l	98
30) Chloroform	5.17	83	104995	19.448	ug/l	98
31) Cyclohexane	5.54	56	85856	18.974	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	93720	19.147	ug/l	99
36) 1,1-Dichloropropene	5.76	75	78249	18.721	ug/l	100
37) Ethyl Acetate	4.79	43	75768	19.524	ug/l	99
38) Carbon Tetrachloride	5.75	117	80462	18.886	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	95759	19.161	ug/l	99
40) Benzene	6.11	78	229796	19.391	ug/l	97
41) Methacrylonitrile	5.00	41	40680	19.465	ug/l	100
42) 1,2-Dichloroethane	6.15	62	85158	19.498	ug/l	100
43) Isopropyl Acetate	6.40	43	126304	19.437	ug/l	99
44) Trichloroethene	7.18	130	62352	18.371	ug/l	97
45) 1,2-Dichloropropane	7.49	63	56886	19.598	ug/l	99
46) Dibromomethane	7.63	93	40927	19.068	ug/l	97
47) Bromodichloromethane	7.87	83	81264	19.208	ug/l	98
48) Methyl methacrylate	7.74	41	61664	19.716	ug/l	97
49) 1,4-Dioxane	7.74	88	27778	399.377	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	373970	100.133	ug/l	99
52) Toluene	8.76	92	147686	19.349	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	90670	18.764	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	97338	19.156	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	58725	19.473	ug/l	97
56) Ethyl methacrylate	9.16	69	88515	19.432	ug/l	98
57) 1,3-Dichloropropane	9.35	76	99070	19.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	241734	94.890	ug/l	98
59) 2-Hexanone	9.47	43	284006	99.900	ug/l	98
60) Dibromochloromethane	9.56	129	63152	19.296	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62618	19.417	ug/l	99
64) Tetrachloroethene	9.32	164	59509	19.141	ug/l	98
65) Chlorobenzene	10.12	112	155017	18.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	56325	18.759	ug/l	99
67) Ethyl Benzene	10.23	91	281284	18.926	ug/l	98
68) m/p-Xylenes	10.34	106	212831	38.155	ug/l	99
69) o-Xylene	10.68	106	100090	18.918	ug/l	99
70) Styrene	10.70	104	168810	18.700	ug/l	99
71) Bromoform	10.84	173	43206	18.149	ug/l #	99
73) Isopropylbenzene	11.00	105	274571	19.041	ug/l	100
74) N-amyl acetate	10.88	43	103058	19.547	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	88471	19.632	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	82346m	19.577	ug/l	
77) Bromobenzene	11.24	156	67037	18.732	ug/l	96
78) n-propylbenzene	11.34	91	313767	19.062	ug/l	99
79) 2-Chlorotoluene	11.40	91	185467	19.138	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	231777	19.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	27992	17.522	ug/l	96
82) 4-Chlorotoluene	11.49	91	222003	18.760	ug/l	100
83) tert-Butylbenzene	11.76	119	223749	19.183	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	233411	18.979	ug/l	100
85) sec-Butylbenzene	11.93	105	268168	19.169	ug/l	99
86) p-Isopropyltoluene	12.05	119	250945	19.435	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	120679	18.107	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	121907	17.572	ug/l	97
89) n-Butylbenzene	12.37	91	224481	18.496	ug/l	99
90) Hexachloroethane	12.58	117	39987	18.220	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	120306	18.799	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20651	18.719	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	80950	16.840	ug/l	98
94) Hexachlorobutadiene	13.76	225	35920	16.975	ug/l	99
95) Naphthalene	13.82	128	268736	17.750	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	81604	17.499	ug/l	97

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

