

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019623.D
 Acq On : 24 Nov 2020 22:53
 Operator : JC/MD
 Sample : VX1124WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:54:46 AM

Quant Time: Nov 25 06:34:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	272608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173328	49.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.08%
35) Dibromofluoromethane	5.46	113	139566	49.01	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.02%
50) Toluene-d8	8.70	98	547048	49.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.86%
62) 4-Bromofluorobenzene	11.12	95	198393	49.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	48770	18.397	ug/l 99
3) Chloromethane	1.31	50	54669	17.971	ug/l 97
4) Vinyl Chloride	1.39	62	59369	18.130	ug/l 100
5) Bromomethane	1.62	94	22198	17.896	ug/l 99
6) Chloroethane	1.69	64	38969	48.741	ug/l 97
7) Trichlorofluoromethane	1.90	101	85079	18.001	ug/l 97
8) Diethyl Ether	2.17	74	35211	18.602	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	47732	18.102	ug/l 96
10) Methyl Iodide	2.49	142	63559	18.348	ug/l 99
11) Tert butyl alcohol	3.03	59	71283	106.564	ug/l 99
12) 1,1-Dichloroethene	2.35	96	48049	17.754	ug/l 96
13) Acrolein	2.28	56	26096	58.037	ug/l 100
14) Allyl chloride	2.70	41	74911	17.668	ug/l 99
15) Acrylonitrile	3.12	53	153370	97.220	ug/l 99
16) Acetone	2.42	43	123698	90.496	ug/l 99
17) Carbon Disulfide	2.54	76	117067	16.101	ug/l 99
18) Methyl Acetate	2.75	43	65629	19.968	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	183357	19.627	ug/l 100
20) Methylene Chloride	2.83	84	61997	18.147	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	55447	18.082	ug/l 95
22) Diisopropyl ether	3.82	45	171415	19.544	ug/l 99
23) Vinyl Acetate	3.78	43	714243	97.084	ug/l 99
24) 1,1-Dichloroethane	3.67	63	100210	18.679	ug/l 99
25) 2-Butanone	4.64	43	197081	95.981	ug/l 97
26) 2,2-Dichloropropane	4.54	77	74781	15.970	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	66213	18.798	ug/l 97
28) Bromochloromethane	4.98	49	47835	18.650	ug/l 100
29) Tetrahydrofuran	5.09	42	127439	97.273	ug/l 99
30) Chloroform	5.17	83	106170	18.926	ug/l 99
31) Cyclohexane	5.54	56	85139	18.520	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	89626	18.600	ug/l 99
36) 1,1-Dichloropropene	5.77	75	76441	17.972	ug/l 99
37) Ethyl Acetate	4.79	43	76857	19.247	ug/l 99
38) Carbon Tetrachloride	5.75	117	75080	18.236	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	86102	17.386	ug/l	98
40) Benzene	6.11	78	241363	18.469	ug/l	99
41) Methacrylonitrile	5.00	41	42887	19.477	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84362	18.833	ug/l	100
43) Isopropyl Acetate	6.41	43	126002	18.771	ug/l	100
44) Trichloroethene	7.18	130	61853	18.069	ug/l	94
45) 1,2-Dichloropropane	7.49	63	61081	18.985	ug/l	100
46) Dibromomethane	7.63	93	41726	18.949	ug/l	99
47) Bromodichloromethane	7.87	83	79243	18.546	ug/l	99
48) Methyl methacrylate	7.74	41	61585	19.591	ug/l	99
49) 1,4-Dioxane	7.72	88	29634	415.178	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	388243	99.188	ug/l	100
52) Toluene	8.76	92	153040	19.142	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84733	18.362	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	94873	18.526	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	63175	19.403	ug/l	96
56) Ethyl methacrylate	9.16	69	91666	19.896	ug/l	100
57) 1,3-Dichloropropane	9.35	76	105910	19.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	252199	93.420	ug/l	100
59) 2-Hexanone	9.48	43	289646	97.569	ug/l	99
60) Dibromochloromethane	9.56	129	60332	18.918	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64785	19.303	ug/l	99
64) Tetrachloroethene	9.32	164	54529	16.361	ug/l	93
65) Chlorobenzene	10.12	112	162757	18.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	58441	18.430	ug/l	99
67) Ethyl Benzene	10.23	91	286281	18.746	ug/l	98
68) m/p-Xylenes	10.34	106	213472	37.519	ug/l	100
69) o-Xylene	10.68	106	103856	19.095	ug/l	99
70) Styrene	10.70	104	169456	17.923	ug/l	99
71) Bromoform	10.84	173	40855	17.716	ug/l #	99
73) Isopropylbenzene	11.00	105	275357	20.333	ug/l	99
74) N-amyl acetate	10.88	43	103026	20.302	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	91982	18.993	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	83644m	19.578	ug/l	
77) Bromobenzene	11.24	156	68691	19.869	ug/l	98
78) n-propylbenzene	11.34	91	303356	19.526	ug/l	100
79) 2-Chlorotoluene	11.40	91	187365	19.886	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	225692	19.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	25133	18.777	ug/l	95
82) 4-Chlorotoluene	11.49	91	217514	19.611	ug/l	99
83) tert-Butylbenzene	11.76	119	222961	20.286	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	229948	20.005	ug/l	100
85) sec-Butylbenzene	11.93	105	251152	19.208	ug/l	100
86) p-Isopropyltoluene	12.05	119	229057	19.295	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118631	18.685	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	122164	18.680	ug/l	99
89) n-Butylbenzene	12.37	91	188877	17.599	ug/l	98
90) Hexachloroethane	12.58	117	36013	18.129	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	120090	18.832	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18261	18.483	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	70565	17.236	ug/l	99
94) Hexachlorobutadiene	13.76	225	30282	16.237	ug/l	98
95) Naphthalene	13.82	128	245532	18.441	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	73827	18.028	ug/l	98

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

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