

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
 Data File : VX019671.D
 Acq On : 30 Nov 2020 11:36
 Operator : JC/MD
 Sample : VX1130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:54 AM

Quant Time: Dec 01 02:53:45 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	299689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	493270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	434769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182793	47.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.08%
35) Dibromofluoromethane	5.46	113	149985	48.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.88%
50) Toluene-d8	8.70	98	564761	46.94	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.88%
62) 4-Bromofluorobenzene	11.12	95	202806	46.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.70%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	51081	17.527	ug/l 99
3) Chloromethane	1.31	50	54885	16.412	ug/l 100
4) Vinyl Chloride	1.39	62	61518	17.088	ug/l 99
5) Bromomethane	1.62	94	22109	16.214	ug/l 99
6) Chloroethane	1.69	64	38850	43.771	ug/l 98
7) Trichlorofluoromethane	1.90	101	89557	17.236	ug/l 98
8) Diethyl Ether	2.17	74	37573	18.056	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	52282	18.036	ug/l 99
10) Methyl Iodide	2.48	142	67580	17.746	ug/l 99
11) Tert butyl alcohol	3.03	59	79546	108.171	ug/l 98
12) 1,1-Dichloroethene	2.35	96	51354	17.260	ug/l 98
13) Acrolein	2.27	56	30159	61.012	ug/l 99
14) Allyl chloride	2.70	41	84015	18.025	ug/l 99
15) Acrylonitrile	3.11	53	163468	94.257	ug/l 99
16) Acetone	2.42	43	146418	97.438	ug/l 99
17) Carbon Disulfide	2.54	76	131600	16.464	ug/l 100
18) Methyl Acetate	2.75	43	70292	19.471	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	197719	19.252	ug/l 100
20) Methylene Chloride	2.83	84	65774	17.513	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	60648	17.991	ug/l 96
22) Diisopropyl ether	3.82	45	181754	18.850	ug/l 95
23) Vinyl Acetate	3.78	43	768464	95.016	ug/l 100
24) 1,1-Dichloroethane	3.67	63	108976	18.478	ug/l 99
25) 2-Butanone	4.64	43	212097	93.960	ug/l 99
26) 2,2-Dichloropropane	4.54	77	95199	18.493	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	71203	18.388	ug/l 97
28) Bromochloromethane	4.98	49	46796	16.596	ug/l 99
29) Tetrahydrofuran	5.09	42	133118	92.426	ug/l 99
30) Chloroform	5.17	83	114332	18.540	ug/l 96
31) Cyclohexane	5.54	56	89767	17.762	ug/l 95
32) 1,1,1-Trichloroethane	5.45	97	97427	18.392	ug/l 100
36) 1,1-Dichloropropene	5.76	75	81295	17.580	ug/l 98
37) Ethyl Acetate	4.79	43	82026	18.894	ug/l 99
38) Carbon Tetrachloride	5.74	117	82382	18.405	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	95966	17.823	ug/l	99
40) Benzene	6.10	78	255645	17.992	ug/l	100
41) Methacrylonitrile	5.00	41	43793	18.293	ug/l	99
42) 1,2-Dichloroethane	6.15	62	89456	18.369	ug/l	100
43) Isopropyl Acetate	6.41	43	132634	18.174	ug/l	99
44) Trichloroethene	7.18	130	67457	18.125	ug/l	93
45) 1,2-Dichloropropane	7.49	63	64797	18.525	ug/l	97
46) Dibromomethane	7.63	93	43827	18.307	ug/l	99
47) Bromodichloromethane	7.87	83	85912	18.494	ug/l	97
48) Methyl methacrylate	7.74	41	64772	18.951	ug/l	98
49) 1,4-Dioxane	7.71	88	30095	387.813	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	393837	92.546	ug/l	99
52) Toluene	8.76	92	158927	18.284	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91838	18.305	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	104406	18.752	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	63995	18.078	ug/l	97
56) Ethyl methacrylate	9.16	69	92028	18.372	ug/l	99
57) 1,3-Dichloropropane	9.35	76	109297	18.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	255938	87.199	ug/l	99
59) 2-Hexanone	9.47	43	297497	92.175	ug/l	100
60) Dibromochloromethane	9.56	129	63453	18.300	ug/l	99
61) 1,2-Dibromoethane	9.65	107	67783	18.576	ug/l	99
64) Tetrachloroethene	9.32	164	58207	17.032	ug/l	91
65) Chlorobenzene	10.12	112	163836	18.328	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	61617	18.951	ug/l	98
67) Ethyl Benzene	10.23	91	289968	18.517	ug/l	98
68) m/p-Xylenes	10.34	106	216422	37.095	ug/l	99
69) o-Xylene	10.68	106	105388	18.897	ug/l	100
70) Styrene	10.70	104	173198	17.871	ug/l	99
71) Bromoform	10.84	173	43784	18.354	ug/l #	99
73) Isopropylbenzene	11.00	105	277899	19.744	ug/l	99
74) N-amyl acetate	10.88	43	103984	19.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	94500	18.774	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	88631m	19.960	ug/l	
77) Bromobenzene	11.24	156	69358	19.303	ug/l	99
78) n-propylbenzene	11.34	91	308393	19.099	ug/l	100
79) 2-Chlorotoluene	11.40	91	190578	19.461	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	229286	19.419	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	28883	20.314	ug/l	97
82) 4-Chlorotoluene	11.49	91	218224	18.930	ug/l	99
83) tert-Butylbenzene	11.76	119	225857	19.772	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	230948	19.331	ug/l	100
85) sec-Butylbenzene	11.93	105	257749	18.966	ug/l	100
86) p-Isopropyltoluene	12.05	119	232538	18.847	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121817	18.460	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	122678	18.048	ug/l	98
89) n-Butylbenzene	12.37	91	194686	17.453	ug/l	99
90) Hexachloroethane	12.58	117	39306	19.038	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	120917	18.244	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19295	18.790	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	77022	18.101	ug/l	97
94) Hexachlorobutadiene	13.76	225	32716	16.878	ug/l	95
95) Naphthalene	13.82	128	250053	18.114	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76942	18.078	ug/l	99

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

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