

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019978.D
 Acq On : 14 Dec 2020 11:59
 Operator : JC/MD
 Sample : VX1214WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 5:33:45 PM

Quant Time: Dec 15 00:35:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	274543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	434735	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	397003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	166663	46.19	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.38%
35) Dibromofluoromethane	5.46	113	137038	48.77	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.54%
50) Toluene-d8	8.69	98	526255	49.06	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.12%
62) 4-Bromofluorobenzene	11.12	95	196153	48.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	43393	17.264	ug/l 99
3) Chloromethane	1.31	50	50750	17.168	ug/l 97
4) Vinyl Chloride	1.39	62	56057	17.985	ug/l 99
5) Bromomethane	1.62	94	32987	31.873	ug/l 100
6) Chloroethane	1.71	64	37235	19.886	ug/l 100
7) Trichlorofluoromethane	1.92	101	80818	18.618	ug/l 99
8) Diethyl Ether	2.17	74	34202	18.593	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	47806	19.214	ug/l 98
10) Methyl Iodide	2.49	142	57936	15.798	ug/l 99
11) Tert butyl alcohol	3.01	59	67655	89.525	ug/l 100
12) 1,1-Dichloroethene	2.35	96	45358	18.032	ug/l 97
13) Acrolein	2.27	56	28006	70.316	ug/l 98
14) Allyl chloride	2.70	41	78934	18.580	ug/l 98
15) Acrylonitrile	3.11	53	156766	96.104	ug/l 99
16) Acetone	2.42	43	129798	95.702	ug/l 100
17) Carbon Disulfide	2.55	76	113036	15.661	ug/l 100
18) Methyl Acetate	2.75	43	69270	20.871	ug/l 99
19) Methyl tert-butyl Ether	3.16	73	176861	19.307	ug/l 99
20) Methylene Chloride	2.83	84	61177	18.873	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	53801	18.346	ug/l 96
22) Diisopropyl ether	3.82	45	173217	20.166	ug/l 97
23) Vinyl Acetate	3.78	43	709622	96.972	ug/l 100
24) 1,1-Dichloroethane	3.67	63	101825	19.659	ug/l 99
25) 2-Butanone	4.62	43	199246	95.605	ug/l 99
26) 2,2-Dichloropropane	4.54	77	83957	18.822	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	63950	18.634	ug/l 99
28) Bromochloromethane	4.97	49	46321	18.760	ug/l 96
29) Tetrahydrofuran	5.08	42	126595	94.282	ug/l 98
30) Chloroform	5.17	83	105541	19.817	ug/l 97
31) Cyclohexane	5.54	56	82324	18.341	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	87396	19.055	ug/l 99
36) 1,1-Dichloropropene	5.76	75	74428	18.946	ug/l 99
37) Ethyl Acetate	4.79	43	76716	19.342	ug/l 99
38) Carbon Tetrachloride	5.75	117	73728	19.165	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	86051	18.644	ug/l	97
40) Benzene	6.10	78	234508	19.542	ug/l	98
41) Methacrylonitrile	4.99	41	42260	19.406	ug/l	99
42) 1,2-Dichloroethane	6.15	62	82303	20.074	ug/l	100
43) Isopropyl Acetate	6.40	43	121537	18.847	ug/l	99
44) Trichloroethene	7.18	130	59182	18.797	ug/l	99
45) 1,2-Dichloropropane	7.48	63	59617	19.878	ug/l	100
46) Dibromomethane	7.63	93	39808	19.655	ug/l	99
47) Bromodichloromethane	7.87	83	79207	19.708	ug/l	99
48) Methyl methacrylate	7.74	41	60223	18.989	ug/l	98
49) 1,4-Dioxane	7.71	88	27699	360.535	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	388173	98.595	ug/l	99
52) Toluene	8.76	92	146736	19.551	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	83976	18.829	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	93519	19.301	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	61119	20.208	ug/l	98
56) Ethyl methacrylate	9.16	69	86690	18.944	ug/l	100
57) 1,3-Dichloropropane	9.35	76	102278	19.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	238536	98.397	ug/l	99
59) 2-Hexanone	9.47	43	292446	95.830	ug/l	99
60) Dibromochloromethane	9.56	129	59280	19.291	ug/l	98
61) 1,2-Dibromoethane	9.65	107	62308	19.400	ug/l	99
64) Tetrachloroethene	9.32	164	55283	20.765	ug/l	95
65) Chlorobenzene	10.12	112	154020	19.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	56495	19.845	ug/l	99
67) Ethyl Benzene	10.23	91	273234	19.462	ug/l	100
68) m/p-Xylenes	10.34	106	206817	39.094	ug/l	99
69) o-Xylene	10.68	106	96316	18.926	ug/l	98
70) Styrene	10.69	104	165972	19.322	ug/l	99
71) Bromoform	10.84	173	41932	18.724	ug/l #	99
73) Isopropylbenzene	11.00	105	266345	19.726	ug/l	98
74) N-amyl acetate	10.88	43	100152	18.510	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	94481	19.848	ug/l	99
76) 1,2,3-Trichloropropane	11.27	75	87948m	19.842	ug/l	
77) Bromobenzene	11.24	156	65444	18.940	ug/l	98
78) n-propylbenzene	11.34	91	305788	19.829	ug/l	99
79) 2-Chlorotoluene	11.40	91	188750	19.875	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	224218	19.676	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	27298	17.803	ug/l	94
82) 4-Chlorotoluene	11.49	91	216414	19.458	ug/l	99
83) tert-Butylbenzene	11.76	119	218344	19.537	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	229837	20.023	ug/l	99
85) sec-Butylbenzene	11.93	105	258729	20.277	ug/l	99
86) p-Isopropyltoluene	12.05	119	233160	19.938	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	120043	18.929	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	123915	19.184	ug/l	99
89) n-Butylbenzene	12.37	91	201158	19.416	ug/l	99
90) Hexachloroethane	12.58	117	38045	18.844	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	122572	19.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18837	18.407	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	77271	19.201	ug/l	100
94) Hexachlorobutadiene	13.76	225	37165	20.663	ug/l	98
95) Naphthalene	13.82	128	244036	18.705	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	77041	19.589	ug/l	100

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

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