

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019928.D
 Acq On : 12 Dec 2020 13:35
 Operator : JC/MD
 Sample : VX1212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:49:30 PM

Quant Time: Dec 14 05:53:55 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	282865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	452635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201817	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	174943	47.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.12%
35) Dibromofluoromethane	5.46	113	141169	48.26	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.52%
50) Toluene-d8	8.70	98	550163	49.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.52%
62) 4-Bromofluorobenzene	11.12	95	203454	47.86	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.72%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	46372	17.906	ug/l 99
3) Chloromethane	1.31	50	52359	17.191	ug/l 98
4) Vinyl Chloride	1.39	62	58860	18.328	ug/l 99
5) Bromomethane	1.62	94	36118	33.872	ug/l 100
6) Chloroethane	1.71	64	38572	19.994	ug/l 99
7) Trichlorofluoromethane	1.92	101	83517	18.674	ug/l 99
8) Diethyl Ether	2.17	74	35794	18.886	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	49763	19.412	ug/l 99
10) Methyl Iodide	2.49	142	55840	14.778	ug/l 100
11) Tert butyl alcohol	3.01	59	70741	90.894	ug/l 99
12) 1,1-Dichloroethene	2.35	96	47117	18.180	ug/l 96
13) Acrolein	2.27	56	27280	66.478	ug/l 99
14) Allyl chloride	2.70	41	80998	18.505	ug/l 97
15) Acrylonitrile	3.11	53	165366	98.393	ug/l 99
16) Acetone	2.42	43	145561	104.167	ug/l 100
17) Carbon Disulfide	2.55	76	117428	15.791	ug/l 99
18) Methyl Acetate	2.74	43	72334	21.153	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	182041	19.287	ug/l 100
20) Methylene Chloride	2.83	84	62605	18.735	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	56244	18.615	ug/l 98
22) Diisopropyl ether	3.82	45	177868	20.099	ug/l 96
23) Vinyl Acetate	3.78	43	733626	97.303	ug/l 100
24) 1,1-Dichloroethane	3.67	63	103483	19.391	ug/l 100
25) 2-Butanone	4.63	43	215847	100.524	ug/l 100
26) 2,2-Dichloropropane	4.55	77	84758	18.443	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	65941	18.649	ug/l 99
28) Bromochloromethane	4.98	49	48411	19.029	ug/l 98
29) Tetrahydrofuran	5.08	42	134763	97.413	ug/l 98
30) Chloroform	5.17	83	107242	19.543	ug/l 99
31) Cyclohexane	5.54	56	86181	18.636	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	89699	18.982	ug/l 99
36) 1,1-Dichloropropene	5.76	75	76142	18.616	ug/l 100
37) Ethyl Acetate	4.79	43	79578	19.270	ug/l 99
38) Carbon Tetrachloride	5.75	117	75899	18.950	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	90052	18.740	ug/l	95
40) Benzene	6.10	78	241655	19.341	ug/l	100
41) Methacrylonitrile	4.99	41	43628	19.241	ug/l	98
42) 1,2-Dichloroethane	6.15	62	84102	19.701	ug/l	100
43) Isopropyl Acetate	6.41	43	127489	18.988	ug/l	100
44) Trichloroethene	7.18	130	62184	18.969	ug/l	97
45) 1,2-Dichloropropane	7.49	63	61820	19.797	ug/l	97
46) Dibromomethane	7.63	93	40738	19.318	ug/l	98
47) Bromodichloromethane	7.87	83	79989	19.116	ug/l	99
48) Methyl methacrylate	7.74	41	62330	18.876	ug/l	99
49) 1,4-Dioxane	7.71	88	30019	375.280	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	408751	99.716	ug/l	100
52) Toluene	8.76	92	150374	19.243	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	85561	18.426	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	94874	18.807	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62408	19.818	ug/l	99
56) Ethyl methacrylate	9.16	69	90195	18.931	ug/l	99
57) 1,3-Dichloropropane	9.35	76	106025	19.718	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	248465	98.440	ug/l	99
59) 2-Hexanone	9.47	43	313233	98.582	ug/l	98
60) Dibromochloromethane	9.56	129	61194	19.126	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64947	19.422	ug/l	99
64) Tetrachloroethene	9.32	164	58302	20.744	ug/l	98
65) Chlorobenzene	10.12	112	158163	18.943	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	58070	19.323	ug/l	99
67) Ethyl Benzene	10.23	91	282874	19.086	ug/l	98
68) m/p-Xylenes	10.34	106	210942	37.771	ug/l	98
69) o-Xylene	10.68	106	100531	18.713	ug/l	98
70) Styrene	10.69	104	169897	18.737	ug/l	99
71) Bromoform	10.84	173	42823	18.114	ug/l #	100
73) Isopropylbenzene	11.00	105	278383	20.190	ug/l	99
74) N-amyl acetate	10.88	43	102456	18.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	97586	20.075	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	90536m	20.002	ug/l	
77) Bromobenzene	11.24	156	69563	19.715	ug/l	99
78) n-propylbenzene	11.34	91	318481	20.224	ug/l	99
79) 2-Chlorotoluene	11.40	91	192606	19.861	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	233084	20.030	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	27792	17.750	ug/l	94
82) 4-Chlorotoluene	11.49	91	225544	19.858	ug/l	98
83) tert-Butylbenzene	11.76	119	221254	19.387	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	236275	20.157	ug/l	100
85) sec-Butylbenzene	11.93	105	265731	20.394	ug/l	100
86) p-Isopropyltoluene	12.05	119	241229	20.200	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	123913	19.134	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	124778	18.917	ug/l	98
89) n-Butylbenzene	12.37	91	208472	19.704	ug/l	99
90) Hexachloroethane	12.58	117	38879	18.858	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	125182	19.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19535	18.693	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81165	19.750	ug/l	99
94) Hexachlorobutadiene	13.76	225	36838	20.056	ug/l	99
95) Naphthalene	13.82	128	256966	19.287	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	80133	19.952	ug/l	99

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

