

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019620.D
 Acq On : 24 Nov 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:54:32 AM

Quant Time: Nov 25 06:05:04 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	5.63	168	261112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	442090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169904	50.19	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.38%
35) Dibromofluoromethane	5.46	113	138635	49.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.92%
50) Toluene-d8	8.70	98	522331	48.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.88%
62) 4-Bromofluorobenzene	11.12	95	193824	49.96	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.92%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118139	46.526	ug/l	96
3) Chloromethane	1.31	50	136455	46.831	ug/l	100
4) Vinyl Chloride	1.39	62	148092	47.214	ug/l	99
5) Bromomethane	1.62	94	56781	47.793	ug/l	97
6) Chloroethane	1.69	64	35319	45.872	ug/l	100
7) Trichlorofluoromethane	1.90	101	208244	45.999	ug/l	97
8) Diethyl Ether	2.17	74	92468	51.001	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121952	48.285	ug/l	100
10) Methyl Iodide	2.48	142	169806	51.177	ug/l	99
11) Tert butyl alcohol	3.05	59	168676	263.262	ug/l	100
12) 1,1-Dichloroethene	2.35	96	123270	47.552	ug/l	98
13) Acrolein	2.28	56	80037	185.837	ug/l	100
14) Allyl chloride	2.70	41	198700	48.929	ug/l	99
15) Acrylonitrile	3.12	53	394744	261.242	ug/l	100
16) Acetone	2.43	43	311783	238.139	ug/l	98
17) Carbon Disulfide	2.54	76	299447	42.998	ug/l	99
18) Methyl Acetate	2.75	43	170379	53.036	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	478866	53.516	ug/l	100
20) Methylene Chloride	2.83	84	158750	48.513	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	140744	47.920	ug/l	95
22) Diisopropyl ether	3.82	45	443168	52.752	ug/l	99
23) Vinyl Acetate	3.78	43	1902171	269.939	ug/l	100
24) 1,1-Dichloroethane	3.67	63	262298	51.045	ug/l	100
25) 2-Butanone	4.64	43	499195	253.818	ug/l	100
26) 2,2-Dichloropropane	4.54	77	206544	46.050	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	171354	50.790	ug/l	99
28) Bromochloromethane	4.98	49	115187	46.886	ug/l	100
29) Tetrahydrofuran	5.09	42	325387	259.299	ug/l	99
30) Chloroform	5.17	83	278006	51.740	ug/l	99
31) Cyclohexane	5.54	56	206805	46.966	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	232331	50.337	ug/l	100
36) 1,1-Dichloropropene	5.76	75	196921	47.513	ug/l	99
37) Ethyl Acetate	4.79	43	201591	51.811	ug/l	99
38) Carbon Tetrachloride	5.75	117	193036	48.119	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	212921	44.122	ug/l	99
40) Benzene	6.11	78	621359	48.794	ug/l	100
41) Methacrylonitrile	5.01	41	105233	49.045	ug/l	97
42) 1,2-Dichloroethane	6.16	62	217491	49.829	ug/l	100
43) Isopropyl Acetate	6.42	43	329185	50.329	ug/l	100
44) Trichloroethene	7.18	130	160964	48.256	ug/l	98
45) 1,2-Dichloropropane	7.49	63	158206	50.465	ug/l	97
46) Dibromomethane	7.63	93	108667	50.646	ug/l	99
47) Bromodichloromethane	7.87	83	212691	51.084	ug/l	99
48) Methyl methacrylate	7.74	41	160184	52.294	ug/l	100
49) 1,4-Dioxane	7.72	88	73827	1061.495	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	988827	259.259	ug/l	100
52) Toluene	8.76	92	391461	50.250	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	232031	51.602	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	255784	51.259	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	161065	50.767	ug/l	99
56) Ethyl methacrylate	9.16	69	240041	53.469	ug/l	100
57) 1,3-Dichloropropane	9.35	76	272618	51.324	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	654897	248.958	ug/l	100
59) 2-Hexanone	9.48	43	740635	256.039	ug/l	99
60) Dibromochloromethane	9.56	129	159231	51.239	ug/l	100
61) 1,2-Dibromoethane	9.65	107	165256	50.532	ug/l	98
64) Tetrachloroethene	9.32	164	135428	44.213	ug/l	99
65) Chlorobenzene	10.12	112	404639	50.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	150042	51.486	ug/l	100
67) Ethyl Benzene	10.23	91	723635	51.557	ug/l	98
68) m/p-Xylenes	10.34	106	544807	104.186	ug/l	98
69) o-Xylene	10.68	106	260807	52.175	ug/l	99
70) Styrene	10.70	104	445952	48.255	ug/l	100
71) Bromoform	10.84	173	114451	46.623	ug/l	98
73) Isopropylbenzene	11.00	105	683933	51.535	ug/l	99
74) N-amyl acetate	10.88	43	279954	56.296	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	246902	52.024	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	219649m	52.464	ug/l	
77) Bromobenzene	11.24	156	175329	51.751	ug/l	99
78) n-propylbenzene	11.34	91	769901	50.570	ug/l	99
79) 2-Chlorotoluene	11.40	91	479123	51.891	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	575932	51.732	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	74321	48.120	ug/l	99
82) 4-Chlorotoluene	11.49	91	556951	51.241	ug/l	100
83) tert-Butylbenzene	11.76	119	559014	51.902	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	593305	52.671	ug/l	100
85) sec-Butylbenzene	11.93	105	632037	49.326	ug/l	99
86) p-Isopropyltoluene	12.05	119	581212	49.960	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	312086	50.159	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	314193	49.024	ug/l	99
89) n-Butylbenzene	12.37	91	496745	47.231	ug/l	98
90) Hexachloroethane	12.58	117	96717	49.683	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	312268	49.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51732	53.431	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	198416	49.456	ug/l	97
94) Hexachlorobutadiene	13.76	225	81316	44.492	ug/l	96
95) Naphthalene	13.82	128	691657	48.928	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	200253	49.901	ug/l	99

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

