

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019454.D
 Acq On : 18 Nov 2020 14:39
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:08 AM

Quant Time: Nov 18 16:45:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	222413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	383411	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162796	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	5.46	113	120051	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	8.70	98	468221	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.12	95	174004	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	132603	66.565	ug/l	100
3) Chloromethane	1.31	50	156603	69.170	ug/l	100
4) Vinyl Chloride	1.39	62	159770	62.921	ug/l	100
5) Bromomethane	1.62	94	73843	45.659	ug/l	100
6) Chloroethane	1.69	64	53960	37.008	ug/l	100
7) Trichlorofluoromethane	1.90	101	218283	56.484	ug/l	100
8) Diethyl Ether	2.17	74	86741	58.163	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119387	55.747	ug/l	100
10) Methyl Iodide	2.48	142	154665	67.643	ug/l	100
11) Tert butyl alcohol	3.05	59	165199	280.510	ug/l	100
12) 1,1-Dichloroethene	2.34	96	117608	53.552	ug/l	100
13) Acrolein	2.28	56	116314	362.574	ug/l	100
14) Allyl chloride	2.70	41	213519	62.150	ug/l	100
15) Acrylonitrile	3.12	53	393986	314.917	ug/l	100
16) Acetone	2.43	43	340114	323.021	ug/l	100
17) Carbon Disulfide	2.54	76	333710	49.997	ug/l	100
18) Methyl Acetate	2.75	43	165966	64.724	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	448503	58.286	ug/l	100
20) Methylene Chloride	2.83	84	146423	56.950	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	135952	53.734	ug/l	100
22) Diisopropyl ether	3.82	45	448347	65.051	ug/l	100
23) Vinyl Acetate	3.78	43	1960993	321.055	ug/l	100
24) 1,1-Dichloroethane	3.67	63	254726	60.243	ug/l	100
25) 2-Butanone	4.64	43	540627	326.839	ug/l	100
26) 2,2-Dichloropropane	4.54	77	222138	56.657	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	154262	54.578	ug/l	100
28) Bromochloromethane	4.98	49	116546	59.749	ug/l	100
29) Tetrahydrofuran	5.09	42	344500	331.127	ug/l	100
30) Chloroform	5.17	83	260440	58.414	ug/l	100
31) Cyclohexane	5.54	56	220630	58.240	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	229524	57.074	ug/l	100
36) 1,1-Dichloropropene	5.76	75	194143	53.817	ug/l	100
37) Ethyl Acetate	4.80	43	209174	61.070	ug/l	100
38) Carbon Tetrachloride	5.74	117	194310	53.317	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	225957	52.871	ug/l	100
40) Benzene	6.11	78	583063	56.641	ug/l	100
41) Methacrylonitrile	5.00	41	111892	60.701	ug/l	100
42) 1,2-Dichloroethane	6.16	62	222727	58.296	ug/l	100
43) Isopropyl Acetate	6.42	43	338491	59.339	ug/l	100
44) Trichloroethene	7.18	130	144877	50.184	ug/l	100
45) 1,2-Dichloropropane	7.49	63	152148	59.654	ug/l	100
46) Dibromomethane	7.63	93	101795	54.841	ug/l	100
47) Bromodichloromethane	7.87	83	204210	56.017	ug/l	100
48) Methyl methacrylate	7.74	41	168806	61.221	ug/l	100
49) 1,4-Dioxane	7.72	88	68143	1131.329	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1056430	318.757	ug/l	100
52) Toluene	8.76	92	369850	55.936	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	228962	54.950	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	247897	56.379	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	147494	56.398	ug/l	100
56) Ethyl methacrylate	9.16	69	223450	56.917	ug/l	100
57) 1,3-Dichloropropane	9.35	76	256728	57.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	629474	283.032	ug/l	100
59) 2-Hexanone	9.48	43	811486	320.808	ug/l	100
60) Dibromochloromethane	9.56	129	149345	53.620	ug/l	100
61) 1,2-Dibromoethane	9.65	107	153793	55.217	ug/l	100
64) Tetrachloroethene	9.32	164	142116	51.815	ug/l	100
65) Chlorobenzene	10.12	112	375938	51.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	140897	53.351	ug/l	100
67) Ethyl Benzene	10.23	91	705019	53.682	ug/l	100
68) m/p-Xylenes	10.34	106	524492	106.772	ug/l	100
69) o-Xylene	10.68	106	247881	53.191	ug/l	100
70) Styrene	10.70	104	421742	53.087	ug/l	100
71) Bromoform	10.84	173	101246	49.279	ug/l #	100
73) Isopropylbenzene	11.00	105	672628	53.181	ug/l	100
74) N-amyl acetate	10.88	43	288358	60.815	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	226815	56.690	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	215094m	57.445	ug/l	
77) Bromobenzene	11.24	156	152358	49.341	ug/l	100
78) n-propylbenzene	11.34	91	781869	54.005	ug/l	100
79) 2-Chlorotoluene	11.40	91	468290	54.697	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	580049	54.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	74131	52.802	ug/l	100
82) 4-Chlorotoluene	11.49	91	557622	53.393	ug/l	100
83) tert-Butylbenzene	11.76	119	524130	51.675	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	585839	54.168	ug/l	100
85) sec-Butylbenzene	11.93	105	651602	53.179	ug/l	100
86) p-Isopropyltoluene	12.05	119	596279	52.906	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	292491	50.367	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	298048	49.206	ug/l	100
89) n-Butylbenzene	12.37	91	551865	51.971	ug/l	100
90) Hexachloroethane	12.58	117	97383	51.372	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	291530	52.030	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52977	54.618	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	184294	44.795	ug/l	100
94) Hexachlorobutadiene	13.76	225	81242	44.706	ug/l	100
95) Naphthalene	13.82	128	649268	49.354	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	183716	45.828	ug/l	100

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

