

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019126.D
 Acq On : 26 Oct 2020 18:31
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 6:55:30 PM

Quant Time: Oct 26 19:05:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	166501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	270797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	249185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	130410	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	94150	38.47	ug/l	0.00
Spiked Amount			Recovery	=	76.94%	
35) Dibromofluoromethane	5.46	113	82322	41.72	ug/l	0.00
Spiked Amount			Recovery	=	83.44%	
50) Toluene-d8	8.70	98	315482	43.19	ug/l	0.00
Spiked Amount			Recovery	=	86.38%	
62) 4-Bromofluorobenzene	11.12	95	111399	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	67257	51.680	ug/l	100
3) Chloromethane	1.31	50	69152	48.588	ug/l	100
4) Vinyl Chloride	1.39	62	90110	50.583	ug/l	100
5) Bromomethane	1.63	94	61075	41.816	ug/l	100
6) Chloroethane	1.71	64	61331	50.886	ug/l	100
7) Trichlorofluoromethane	1.92	101	156186	51.545	ug/l	100
8) Diethyl Ether	2.17	74	60668	50.433	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77509	50.899	ug/l	100
10) Methyl Iodide	2.49	142	93000	60.511	ug/l	100
11) Tert butyl alcohol	3.01	59	98261	241.410	ug/l	100
12) 1,1-Dichloroethene	2.36	96	78743	51.542	ug/l	100
13) Acrolein	2.27	56	41229	201.149	ug/l	100
14) Allyl chloride	2.71	41	100651	50.951	ug/l	100
15) Acrylonitrile	3.11	53	207311	261.618	ug/l	100
16) Acetone	2.42	43	156665	242.462	ug/l	100
17) Carbon Disulfide	2.55	76	219371	51.985	ug/l	100
18) Methyl Acetate	2.75	43	75948	47.619	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	271658	52.000	ug/l	100
20) Methylene Chloride	2.83	84	90582	47.764	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	92499	51.144	ug/l	100
22) Diisopropyl ether	3.82	45	220229	52.677	ug/l	100
23) Vinyl Acetate	3.78	43	978085	269.439	ug/l	100
24) 1,1-Dichloroethane	3.67	63	145629	52.610	ug/l	100
25) 2-Butanone	4.63	43	257685	254.051	ug/l	100
26) 2,2-Dichloropropane	4.55	77	136257	51.989	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	103741	51.335	ug/l	100
28) Bromochloromethane	4.98	49	60364	50.645	ug/l	100
29) Tetrahydrofuran	5.09	42	165904	260.329	ug/l	100
30) Chloroform	5.17	83	161791	52.491	ug/l	100
31) Cyclohexane	5.55	56	124687	51.278	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	145678	53.702	ug/l	100
36) 1,1-Dichloropropene	5.77	75	121414	52.128	ug/l	100
37) Ethyl Acetate	4.79	43	103717	51.102	ug/l	100
38) Carbon Tetrachloride	5.76	117	127972	54.431	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	151484	53.493	ug/l	100
40) Benzene	6.11	78	362491	52.949	ug/l	100
41) Methacrylonitrile	5.00	41	54288	52.726	ug/l	100
42) 1,2-Dichloroethane	6.16	62	123213	53.447	ug/l	100
43) Isopropyl Acetate	6.41	43	172543	52.682	ug/l	100
44) Trichloroethene	7.19	130	104106	53.227	ug/l	100
45) 1,2-Dichloropropane	7.49	63	85593	53.959	ug/l	100
46) Dibromomethane	7.63	93	64475	53.860	ug/l	100
47) Bromodichloromethane	7.87	83	127837	55.813	ug/l	100
48) Methyl methacrylate	7.74	41	81223	53.429	ug/l	100
49) 1,4-Dioxane	7.72	88	44915	1110.861	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	517350	273.706	ug/l	100
52) Toluene	8.76	92	237348	54.326	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	142047	56.693	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	152866	56.693	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	93989	54.091	ug/l	100
56) Ethyl methacrylate	9.16	69	138943	57.153	ug/l	100
57) 1,3-Dichloropropane	9.35	76	153528	53.654	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	357542	263.300	ug/l	100
59) 2-Hexanone	9.47	43	387715	272.477	ug/l	100
60) Dibromochloromethane	9.56	129	104435	59.113	ug/l	100
61) 1,2-Dibromoethane	9.65	107	101496	55.619	ug/l	100
64) Tetrachloroethene	9.32	164	96771	50.420	ug/l	100
65) Chlorobenzene	10.12	112	254153	52.795	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	93437	55.058	ug/l	100
67) Ethyl Benzene	10.24	91	452553	53.492	ug/l	100
68) m/p-Xylenes	10.34	106	352952	109.362	ug/l	100
69) o-Xylene	10.68	106	166593	54.211	ug/l	100
70) Styrene	10.70	104	285506	56.652	ug/l	100
71) Bromoform	10.84	173	76870	60.939	ug/l	100
73) Isopropylbenzene	11.00	105	451248	52.024	ug/l	100
74) N-amyl acetate	10.88	43	144043	54.311	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	143412	53.117	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	127496m	44.519	ug/l	
77) Bromobenzene	11.24	156	114136	53.389	ug/l	100
78) n-propylbenzene	11.34	91	512916	53.060	ug/l	100
79) 2-Chlorotoluene	11.40	91	293118	51.525	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	375688	53.642	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	47143	58.030	ug/l	100
82) 4-Chlorotoluene	11.49	91	350077	52.378	ug/l	100
83) tert-Butylbenzene	11.76	119	369713	53.634	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	384480	54.150	ug/l	100
85) sec-Butylbenzene	11.93	105	444839	53.722	ug/l	100
86) p-Isopropyltoluene	12.05	119	411547	54.564	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	212349	53.512	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	214031	52.436	ug/l	100
89) n-Butylbenzene	12.37	91	380099	54.983	ug/l	100
90) Hexachloroethane	12.58	117	70573	58.381	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	203423	51.968	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	31114	54.606	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	143979	53.900	ug/l	100
94) Hexachlorobutadiene	13.76	225	63649	52.684	ug/l	100
95) Naphthalene	13.82	128	472211	56.570	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	139994	53.210	ug/l	100

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

