

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016664.D
 Acq On : 10 Jun 2020 10:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:06 PM

Quant Time: Jun 11 03:10:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	223382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	324312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	308750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	159048	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	128880	46.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.92%	
35) Dibromofluoromethane	5.46	113	104647	52.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.80%	
50) Toluene-d8	8.70	98	390233	50.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.12	95	152524	50.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	92839	42.232	ug/l	95
3) Chloromethane	1.31	50	102236	38.484	ug/l	98
4) Vinyl Chloride	1.39	62	115646	41.164	ug/l	99
5) Bromomethane	1.62	94	64039	46.881	ug/l	98
6) Chloroethane	1.70	64	74329	45.355	ug/l	99
7) Trichlorofluoromethane	1.91	101	183637	49.772	ug/l	99
8) Diethyl Ether	2.17	74	72140	46.891	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	102545	50.499	ug/l	99
10) Methyl Iodide	2.48	142	112540	46.609	ug/l	99
11) Tert butyl alcohol	3.02	59	156307	219.727	ug/l	100
12) 1,1-Dichloroethene	2.35	96	100669	46.836	ug/l	100
13) Acrolein	2.27	56	65306	215.811	ug/l	99
14) Allyl chloride	2.70	41	162945	41.222	ug/l	97
15) Acrylonitrile	3.11	53	322717	221.465	ug/l	100
16) Acetone	2.42	43	267409	220.017	ug/l	100
17) Carbon Disulfide	2.54	76	256197	40.138	ug/l	99
18) Methyl Acetate	2.75	43	146385	46.959	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	374148	48.475	ug/l	97
20) Methylene Chloride	2.83	84	115626	45.982	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	106911	44.968	ug/l	91
22) Diisopropyl ether	3.82	45	325442	42.857	ug/l	93
23) Vinyl Acetate	3.78	43	1436668	216.146	ug/l	95
24) 1,1-Dichloroethane	3.67	63	191317	44.638	ug/l	99
25) 2-Butanone	4.63	43	432937	210.219	ug/l	95
26) 2,2-Dichloropropane	4.54	77	178315	50.844	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	126096	45.846	ug/l	97
28) Bromochloromethane	4.97	49	82330	41.337	ug/l	84
29) Tetrahydrofuran	5.09	42	277444	208.525	ug/l	94
30) Chloroform	5.17	83	207535	48.057	ug/l	100
31) Cyclohexane	5.54	56	153693	39.860	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	188435	48.196	ug/l	98
36) 1,1-Dichloropropene	5.76	75	146816	47.813	ug/l	97
37) Ethyl Acetate	4.79	43	163399	44.323	ug/l	97
38) Carbon Tetrachloride	5.75	117	171250	53.069	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	163946	49.156	ug/l	98
40) Benzene	6.11	78	440866	48.213	ug/l	100
41) Methacrylonitrile	5.00	41	88736	43.821	ug/l	95
42) 1,2-Dichloroethane	6.16	62	165415	50.867	ug/l	100
43) Isopropyl Acetate	6.41	43	260798	45.354	ug/l	97
44) Trichloroethene	7.18	130	146793	50.597	ug/l	95
45) 1,2-Dichloropropane	7.49	63	111714	47.989	ug/l	98
46) Dibromomethane	7.63	93	80661	51.587	ug/l	95
47) Bromodichloromethane	7.87	83	171334	52.922	ug/l	100
48) Methyl methacrylate	7.74	41	125674	45.645	ug/l	95
49) 1,4-Dioxane	7.71	88	64696	1004.077	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	838676	234.233	ug/l	98
52) Toluene	8.76	92	290417	50.365	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	195122	53.002	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	199404	51.173	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	122599	53.475	ug/l	95
56) Ethyl methacrylate	9.16	69	190372	50.985	ug/l	95
57) 1,3-Dichloropropane	9.35	76	202459	51.448	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	477446	244.977	ug/l	95
59) 2-Hexanone	9.47	43	644609	231.506	ug/l	97
60) Dibromochloromethane	9.56	129	145032	56.212	ug/l	99
61) 1,2-Dibromoethane	9.65	107	129449	52.726	ug/l	98
64) Tetrachloroethene	9.32	164	178676	51.726	ug/l	98
65) Chlorobenzene	10.12	112	320328	50.890	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	129495	53.893	ug/l	98
67) Ethyl Benzene	10.23	91	560990	50.057	ug/l	99
68) m/p-Xylenes	10.34	106	429098	103.267	ug/l	99
69) o-Xylene	10.68	106	205634	51.100	ug/l	98
70) Styrene	10.70	104	366331	52.961	ug/l	99
71) Bromoform	10.84	173	115599	56.926	ug/l #	98
73) Isopropylbenzene	11.00	105	555408	50.399	ug/l	99
74) N-amyl acetate	10.88	43	216596	42.730	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	142865	51.728	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	173210m	49.546	ug/l	
77) Bromobenzene	11.24	156	146849	50.806	ug/l	95
78) n-propylbenzene	11.34	91	621312	50.464	ug/l	99
79) 2-Chlorotoluene	11.40	91	375373	49.949	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	475645	51.691	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	69491	48.896	ug/l	98
82) 4-Chlorotoluene	11.49	91	444774	50.118	ug/l	99
83) tert-Butylbenzene	11.76	119	408914	52.009	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	474551	50.995	ug/l	100
85) sec-Butylbenzene	11.93	105	511965	51.907	ug/l	100
86) p-Isopropyltoluene	12.05	119	491096	53.154	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	256436	51.210	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	258730	50.519	ug/l	99
89) n-Butylbenzene	12.37	91	412162	53.558	ug/l	99
90) Hexachloroethane	12.58	117	83574	52.369	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	253285	52.208	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44432	49.668	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	179181	55.611	ug/l	100
94) Hexachlorobutadiene	13.77	225	81309	64.273	ug/l	100
95) Naphthalene	13.82	128	574622	52.022	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	177901	56.358	ug/l	100

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

