

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015933.D
 Acq On : 24 Apr 2020 16:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 12:40:02 PM

Quant Time: Apr 25 07:20:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	147451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	267402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	246932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	116176	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	97964	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	5.46	113	74130	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
50) Toluene-d8	8.70	98	302565	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.12	95	120296	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	83855	51.725	ug/l	98
3) Chloromethane	1.31	50	77552	46.417	ug/l	98
4) Vinyl Chloride	1.39	62	105504	49.343	ug/l	100
5) Bromomethane	1.62	94	48348	62.715	ug/l	100
6) Chloroethane	1.71	64	62704	48.718	ug/l	99
7) Trichlorofluoromethane	1.92	101	125598	50.147	ug/l	97
8) Diethyl Ether	2.17	74	56298	47.231	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	80911	50.781	ug/l	99
10) Methyl Iodide	2.49	142	86665	47.516	ug/l	99
11) Tert butyl alcohol	3.01	59	97671	218.350	ug/l	100
12) 1,1-Dichloroethene	2.36	96	82004	49.121	ug/l	99
13) Acrolein	2.27	56	61117	220.153	ug/l	98
14) Allyl chloride	2.70	41	144457	48.960	ug/l	99
15) Acrylonitrile	3.11	53	233699	239.033	ug/l	99
16) Acetone	2.42	43	171203	219.224	ug/l	98
17) Carbon Disulfide	2.55	76	223056	48.472	ug/l	99
18) Methyl Acetate	2.75	43	110613	46.834	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	292666	48.948	ug/l	100
20) Methylene Chloride	2.83	84	92601	47.936	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	91523	49.068	ug/l	99
22) Diisopropyl ether	3.82	45	282548	48.492	ug/l	89
23) Vinyl Acetate	3.78	43	1178351	247.527	ug/l	99
24) 1,1-Dichloroethane	3.67	63	163904	49.172	ug/l	100
25) 2-Butanone	4.63	43	290959	228.818	ug/l	99
26) 2,2-Dichloropropane	4.55	77	148859	50.611	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	103563	48.945	ug/l	100
28) Bromochloromethane	4.98	49	72738	49.366	ug/l	100
29) Tetrahydrofuran	5.09	42	194743	232.490	ug/l	100
30) Chloroform	5.17	83	162258	49.244	ug/l	99
31) Cyclohexane	5.55	56	151288	48.456	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	142812	48.178	ug/l	99
36) 1,1-Dichloropropene	5.77	75	127630	50.012	ug/l	100
37) Ethyl Acetate	4.79	43	121383	47.417	ug/l	99
38) Carbon Tetrachloride	5.76	117	117368	50.328	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	160918	52.018	ug/l	99
40) Benzene	6.11	78	374162	50.098	ug/l	97
41) Methacrylonitrile	5.00	41	67550	46.552	ug/l	99
42) 1,2-Dichloroethane	6.16	62	131992	50.501	ug/l	99
43) Isopropyl Acetate	6.41	43	208448	49.564	ug/l	100
44) Trichloroethene	7.19	130	114154	49.653	ug/l	100
45) 1,2-Dichloropropane	7.49	63	95363	49.899	ug/l	98
46) Dibromomethane	7.64	93	63214	49.530	ug/l	99
47) Bromodichloromethane	7.88	83	131257	50.537	ug/l	99
48) Methyl methacrylate	7.74	41	101485	49.073	ug/l	99
49) 1,4-Dioxane	7.71	88	41694	906.487	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	601281	243.874	ug/l	100
52) Toluene	8.76	92	240454	50.752	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	158690	50.671	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	168031	51.288	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	92808	49.047	ug/l	98
56) Ethyl methacrylate	9.16	69	152570	50.051	ug/l	99
57) 1,3-Dichloropropane	9.35	76	161639	49.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	392393	260.503	ug/l	100
59) 2-Hexanone	9.47	43	451968	241.418	ug/l	99
60) Dibromochloromethane	9.57	129	96380	51.291	ug/l	100
61) 1,2-Dibromoethane	9.65	107	98110	50.129	ug/l	100
64) Tetrachloroethene	9.32	164	127227	51.778	ug/l	93
65) Chlorobenzene	10.12	112	251400	51.280	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	88446	50.912	ug/l	98
67) Ethyl Benzene	10.24	91	463782	51.311	ug/l	98
68) m/p-Xylenes	10.34	106	345783	104.458	ug/l	100
69) o-Xylene	10.68	106	165391	51.201	ug/l	99
70) Styrene	10.70	104	288446	51.774	ug/l	99
71) Bromoform	10.84	173	59484	45.196	ug/l #	97
73) Isopropylbenzene	11.01	105	444395	51.463	ug/l	100
74) N-amyl acetate	10.88	43	191219	50.986	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	99241	50.855	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	126502m	50.762	ug/l	
77) Bromobenzene	11.24	156	98175	50.054	ug/l	98
78) n-propylbenzene	11.35	91	522751	51.274	ug/l	100
79) 2-Chlorotoluene	11.41	91	308742	51.374	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	379686	51.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	53166	48.057	ug/l #	87
82) 4-Chlorotoluene	11.49	91	369000	51.442	ug/l	98
83) tert-Butylbenzene	11.76	119	318895	51.665	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	383196	50.910	ug/l	100
85) sec-Butylbenzene	11.93	105	436493	51.650	ug/l	99
86) p-Isopropyltoluene	12.05	119	398257	51.679	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	188386	52.236	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	186504	50.222	ug/l	100
89) n-Butylbenzene	12.37	91	379509	52.255	ug/l	100
90) Hexachloroethane	12.58	117	60038	49.929	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	175677	50.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29350	47.241	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	113749	50.420	ug/l	100
94) Hexachlorobutadiene	13.76	225	39180	48.993	ug/l	97
95) Naphthalene	13.82	128	414567	50.528	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	109491	51.297	ug/l	96

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

