

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016470.D
 Acq On : 28 May 2020 00:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:10:38 PM

Quant Time: May 28 05:18:18 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	5.63	168	394213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	644834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	571706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	286924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	239978	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.47	113	190553	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.70	98	738792	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.12	95	276268	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	177845	45.842	ug/l	98
3) Chloromethane	1.31	50	206854	44.122	ug/l	100
4) Vinyl Chloride	1.39	62	233642	47.125	ug/l	97
5) Bromomethane	1.62	94	92182	38.240	ug/l	98
6) Chloroethane	1.70	64	138955	48.046	ug/l	96
7) Trichlorofluoromethane	1.91	101	287918	44.219	ug/l	97
8) Diethyl Ether	2.17	74	126146	46.462	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	167356	46.701	ug/l	100
10) Methyl Iodide	2.49	142	170061	40.349	ug/l	98
11) Tert butyl alcohol	3.02	59	379423	302.236	ug/l	100
12) 1,1-Dichloroethene	2.36	96	177988	46.923	ug/l	99
13) Acrolein	2.27	56	135005	252.806	ug/l	96
14) Allyl chloride	2.70	41	346821	49.717	ug/l	97
15) Acrylonitrile	3.12	53	683430	265.762	ug/l	99
16) Acetone	2.42	43	606175	282.615	ug/l	100
17) Carbon Disulfide	2.55	76	536152	47.597	ug/l	100
18) Methyl Acetate	2.75	43	292945	53.251	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	658304	48.331	ug/l	99
20) Methylene Chloride	2.83	84	206117	46.447	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	195120	46.505	ug/l	98
22) Diisopropyl ether	3.82	45	646049	48.209	ug/l	99
23) Vinyl Acetate	3.78	43	2944299	251.009	ug/l	99
24) 1,1-Dichloroethane	3.67	63	362726	47.956	ug/l	99
25) 2-Butanone	4.64	43	997417	274.437	ug/l	100
26) 2,2-Dichloropropane	4.55	77	245032	39.590	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	223346	46.014	ug/l	100
28) Bromochloromethane	4.98	49	167294	47.596	ug/l	100
29) Tetrahydrofuran	5.09	42	641442	273.186	ug/l	100
30) Chloroform	5.18	83	349639	45.877	ug/l	97
31) Cyclohexane	5.55	56	318147	46.755	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	313281	45.405	ug/l	100
36) 1,1-Dichloropropene	5.77	75	267746	43.854	ug/l	99
37) Ethyl Acetate	4.79	43	353634	48.245	ug/l	100
38) Carbon Tetrachloride	5.76	117	272569	42.482	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	300929	45.379	ug/l	99
40) Benzene	6.11	78	811771	44.648	ug/l	100
41) Methacrylonitrile	5.00	41	188334	46.776	ug/l	99
42) 1,2-Dichloroethane	6.17	62	280726	43.417	ug/l	99
43) Isopropyl Acetate	6.42	43	544001	47.580	ug/l	99
44) Trichloroethene	7.19	130	237385	41.151	ug/l	95
45) 1,2-Dichloropropane	7.49	63	210275	45.430	ug/l	96
46) Dibromomethane	7.64	93	138628	44.591	ug/l	99
47) Bromodichloromethane	7.88	83	284558	44.205	ug/l	99
48) Methyl methacrylate	7.75	41	262840	48.013	ug/l	99
49) 1,4-Dioxane	7.71	88	142218	1110.092	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1773369	249.097	ug/l	100
52) Toluene	8.77	92	505672	44.105	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	327449	44.735	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	346350	44.703	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	204887	44.946	ug/l	97
56) Ethyl methacrylate	9.16	69	353747	47.648	ug/l	99
57) 1,3-Dichloropropane	9.35	76	354295	45.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	912901	235.581	ug/l	99
59) 2-Hexanone	9.48	43	1412748	255.180	ug/l	100
60) Dibromochloromethane	9.57	129	227129	44.275	ug/l	100
61) 1,2-Dibromoethane	9.65	107	219539	44.973	ug/l	99
64) Tetrachloroethene	9.32	164	255575	39.957	ug/l	97
65) Chlorobenzene	10.12	112	536155	46.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	203972	45.845	ug/l	98
67) Ethyl Benzene	10.24	91	954405	45.991	ug/l	98
68) m/p-Xylenes	10.34	106	713058	92.675	ug/l	100
69) o-Xylene	10.68	106	346881	46.552	ug/l	97
70) Styrene	10.70	104	609625	47.597	ug/l	99
71) Bromoform	10.84	173	177323	47.158	ug/l #	98
73) Isopropylbenzene	11.00	105	911706	45.860	ug/l	100
74) N-amyl acetate	10.88	43	456418	49.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	269836	54.157	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	296889m	47.075	ug/l	
77) Bromobenzene	11.24	156	237266	45.503	ug/l	99
78) n-propylbenzene	11.34	91	1035529	46.623	ug/l	100
79) 2-Chlorotoluene	11.40	91	617190	45.524	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	762968	45.962	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	117933	45.998	ug/l	98
82) 4-Chlorotoluene	11.49	91	732958	45.782	ug/l	99
83) tert-Butylbenzene	11.76	119	682565	48.123	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	774112	46.112	ug/l	100
85) sec-Butylbenzene	11.93	105	840670	47.247	ug/l	99
86) p-Isopropyltoluene	12.05	119	775949	46.555	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	409121	45.289	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	407533	44.110	ug/l	98
89) n-Butylbenzene	12.37	91	660710	47.592	ug/l	99
90) Hexachloroethane	12.58	117	135920	47.212	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	394402	45.063	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	82294	50.992	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	274563	47.236	ug/l	99
94) Hexachlorobutadiene	13.77	225	106027	46.459	ug/l	98
95) Naphthalene	13.82	128	984027	49.383	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	273242	47.983	ug/l	99

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

