

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016545.D
 Acq On : 02 Jun 2020 10:19
 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
 6/3/2020 9:51:24 AM

Quant Time: Jun 03 04:20:34 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	356713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	553817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	504770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208821	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	5.46	113	169676	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	8.70	98	660037	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.12	95	248797	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	172432	49.120	ug/l	96
3) Chloromethane	1.31	50	197530	46.563	ug/l	100
4) Vinyl Chloride	1.39	62	221330	49.335	ug/l	98
5) Bromomethane	1.62	94	94005	43.095	ug/l	98
6) Chloroethane	1.70	64	133894	51.163	ug/l	98
7) Trichlorofluoromethane	1.91	101	287020	48.715	ug/l	99
8) Diethyl Ether	2.17	74	120859	49.195	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	165646	51.084	ug/l	99
10) Methyl Iodide	2.49	142	154296	40.449	ug/l	97
11) Tert butyl alcohol	3.01	59	247557	217.926	ug/l	100
12) 1,1-Dichloroethene	2.36	96	169100	49.267	ug/l	98
13) Acrolein	2.27	56	144581	299.199	ug/l	98
14) Allyl chloride	2.70	41	317896	50.362	ug/l	98
15) Acrylonitrile	3.11	53	568610	244.358	ug/l	99
16) Acetone	2.42	43	488305	251.594	ug/l	99
17) Carbon Disulfide	2.55	76	492928	48.360	ug/l	100
18) Methyl Acetate	2.75	43	248512	49.923	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	609403	49.444	ug/l	99
20) Methylene Chloride	2.83	84	193761	48.253	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	185618	48.891	ug/l	95
22) Diisopropyl ether	3.82	45	596419	49.185	ug/l	92
23) Vinyl Acetate	3.78	43	2645518	249.247	ug/l	99
24) 1,1-Dichloroethane	3.67	63	337542	49.318	ug/l	100
25) 2-Butanone	4.63	43	774903	235.627	ug/l	99
26) 2,2-Dichloropropane	4.55	77	300507	53.658	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	208727	47.523	ug/l	97
28) Bromochloromethane	4.98	49	151555	47.651	ug/l	98
29) Tetrahydrofuran	5.09	42	507753	238.982	ug/l	99
30) Chloroform	5.17	83	329874	47.834	ug/l	99
31) Cyclohexane	5.54	56	293706	47.701	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	297748	47.690	ug/l	99
36) 1,1-Dichloropropene	5.76	75	254685	48.571	ug/l	98
37) Ethyl Acetate	4.79	43	294763	46.822	ug/l	99
38) Carbon Tetrachloride	5.75	117	262973	47.722	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	290643	51.031	ug/l	98
40) Benzene	6.11	78	767899	49.177	ug/l	98
41) Methacrylonitrile	5.00	41	160638	46.455	ug/l	99
42) 1,2-Dichloroethane	6.16	62	259158	46.669	ug/l	99
43) Isopropyl Acetate	6.41	43	470630	47.927	ug/l	99
44) Trichloroethene	7.18	130	236451	47.726	ug/l	97
45) 1,2-Dichloropropane	7.49	63	197789	49.755	ug/l	99
46) Dibromomethane	7.63	93	130119	48.732	ug/l	100
47) Bromodichloromethane	7.87	83	269171	48.687	ug/l	97
48) Methyl methacrylate	7.74	41	227387	48.363	ug/l	97
49) 1,4-Dioxane	7.71	88	93081	845.955	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1476104	241.417	ug/l	99
52) Toluene	8.76	92	486096	49.366	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	319389	50.805	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	335942	50.486	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	191635	48.948	ug/l	99
56) Ethyl methacrylate	9.16	69	322623	50.598	ug/l	99
57) 1,3-Dichloropropane	9.35	76	331059	49.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	833704	250.501	ug/l	99
59) 2-Hexanone	9.47	43	1139365	239.622	ug/l	99
60) Dibromochloromethane	9.57	129	214789	48.750	ug/l	99
61) 1,2-Dibromoethane	9.65	107	205993	49.134	ug/l	100
64) Tetrachloroethene	9.32	164	261411	46.290	ug/l	98
65) Chlorobenzene	10.12	112	514690	50.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	194724	49.570	ug/l	100
67) Ethyl Benzene	10.23	91	920239	50.226	ug/l	98
68) m/p-Xylenes	10.34	106	693583	102.098	ug/l	99
69) o-Xylene	10.68	106	334262	50.807	ug/l	96
70) Styrene	10.70	104	578758	51.179	ug/l	99
71) Bromoform	10.84	173	164592	49.577	ug/l #	100
73) Isopropylbenzene	11.00	105	875548	52.001	ug/l	100
74) N-amyl acetate	10.88	43	401581	51.853	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	227270	53.859	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	275657m	51.609	ug/l	
77) Bromobenzene	11.24	156	223713	50.659	ug/l	98
78) n-propylbenzene	11.34	91	985373	52.384	ug/l	100
79) 2-Chlorotoluene	11.40	91	589110	51.307	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	725484	51.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	112383	51.756	ug/l	96
82) 4-Chlorotoluene	11.49	91	698264	51.498	ug/l	100
83) tert-Butylbenzene	11.76	119	629164	52.375	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	734785	51.680	ug/l	100
85) sec-Butylbenzene	11.93	105	790048	52.427	ug/l	100
86) p-Isopropyltoluene	12.05	119	749134	53.070	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	391273	51.142	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	397700	50.826	ug/l	99
89) n-Butylbenzene	12.37	91	642085	54.610	ug/l	99
90) Hexachloroethane	12.58	117	125697	51.552	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	380089	51.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64199	46.970	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	259635	52.741	ug/l	100
94) Hexachlorobutadiene	13.77	225	98280	50.848	ug/l	99
95) Naphthalene	13.82	128	821572	48.682	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	251329	52.112	ug/l	96

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

