

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016650.D
 Acq On : 08 Jun 2020 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:29 AM

Quant Time: Jun 09 06:37:40 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	230035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	340269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	175709	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133400	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.46	113	108733	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
50) Toluene-d8	8.70	98	414450	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.12	95	159767	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	100377	44.340	ug/l	96
3) Chloromethane	1.31	50	109800	40.136	ug/l	99
4) Vinyl Chloride	1.39	62	125772	43.473	ug/l	99
5) Bromomethane	1.62	94	62670	44.552	ug/l	99
6) Chloroethane	1.70	64	77000	45.626	ug/l	99
7) Trichlorofluoromethane	1.91	101	192332	50.621	ug/l	97
8) Diethyl Ether	2.17	74	73759	46.556	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	102017	48.786	ug/l	98
10) Methyl Iodide	2.49	142	110027	44.405	ug/l	98
11) Tert butyl alcohol	3.02	59	159191	217.309	ug/l	100
12) 1,1-Dichloroethene	2.36	96	105349	47.595	ug/l	96
13) Acrolein	2.27	56	75047	240.829	ug/l	97
14) Allyl chloride	2.70	41	171807	42.207	ug/l	96
15) Acrylonitrile	3.12	53	339712	226.385	ug/l	99
16) Acetone	2.42	43	279275	223.134	ug/l	100
17) Carbon Disulfide	2.55	76	273605	41.625	ug/l	100
18) Methyl Acetate	2.75	43	152580	47.531	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	386180	48.587	ug/l	98
20) Methylene Chloride	2.83	84	120186	46.413	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	114653	46.830	ug/l	92
22) Diisopropyl ether	3.82	45	343080	43.873	ug/l	97
23) Vinyl Acetate	3.78	43	1515434	221.402	ug/l	97
24) 1,1-Dichloroethane	3.67	63	203795	46.174	ug/l	99
25) 2-Butanone	4.64	43	453971	214.057	ug/l	95
26) 2,2-Dichloropropane	4.55	77	172610	47.794	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	130931	46.227	ug/l	98
28) Bromochloromethane	4.98	49	85006	41.446	ug/l	84
29) Tetrahydrofuran	5.09	42	290436	211.977	ug/l	93
30) Chloroform	5.18	83	216350	48.649	ug/l	98
31) Cyclohexane	5.55	56	161483	40.669	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	200678	49.843	ug/l	99
36) 1,1-Dichloropropene	5.77	75	153285	45.374	ug/l	97
37) Ethyl Acetate	4.79	43	170285	41.984	ug/l	97
38) Carbon Tetrachloride	5.75	117	179531	50.569	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	164640	44.869	ug/l	99
40) Benzene	6.12	78	469061	46.625	ug/l	98
41) Methacrylonitrile	5.01	41	93419	41.932	ug/l	96
42) 1,2-Dichloroethane	6.16	62	172445	48.200	ug/l	100
43) Isopropyl Acetate	6.41	43	273242	43.190	ug/l	97
44) Trichloroethene	7.19	130	147728	46.282	ug/l	92
45) 1,2-Dichloropropane	7.49	63	119071	46.491	ug/l	99
46) Dibromomethane	7.64	93	83995	48.827	ug/l	95
47) Bromodichloromethane	7.88	83	178457	50.102	ug/l	99
48) Methyl methacrylate	7.74	41	134014	44.242	ug/l	96
49) 1,4-Dioxane	7.71	88	62605	883.139	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	879490	223.263	ug/l	97
52) Toluene	8.77	92	307961	48.544	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	197581	48.783	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	205600	47.958	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	125805	49.876	ug/l	98
56) Ethyl methacrylate	9.16	69	196863	47.922	ug/l	96
57) 1,3-Dichloropropane	9.35	76	209283	48.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	505025	235.529	ug/l	95
59) 2-Hexanone	9.48	43	685896	223.901	ug/l	97
60) Dibromochloromethane	9.57	129	148263	52.231	ug/l	99
61) 1,2-Dibromoethane	9.65	107	135745	50.256	ug/l	99
64) Tetrachloroethene	9.32	164	169965	44.647	ug/l	98
65) Chlorobenzene	10.12	112	336931	48.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	134867	50.930	ug/l	99
67) Ethyl Benzene	10.24	91	583422	47.237	ug/l	100
68) m/p-Xylenes	10.34	106	444774	97.124	ug/l	100
69) o-Xylene	10.68	106	212101	47.825	ug/l	99
70) Styrene	10.70	104	377349	49.501	ug/l	99
71) Bromoform	10.84	173	115949	51.809	ug/l	# 99
73) Isopropylbenzene	11.00	105	573846	47.135	ug/l	100
74) N-amyl acetate	10.88	43	233100	41.625	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	157611	51.656	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	177594m	45.983	ug/l	
77) Bromobenzene	11.24	156	151472	47.437	ug/l	94
78) n-propylbenzene	11.34	91	630176	46.331	ug/l	99
79) 2-Chlorotoluene	11.40	91	390978	47.092	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	485659	47.775	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	68597	43.690	ug/l	99
82) 4-Chlorotoluene	11.49	91	457429	46.656	ug/l	99
83) tert-Butylbenzene	11.76	119	433689	49.930	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	482173	46.901	ug/l	100
85) sec-Butylbenzene	11.93	105	513989	47.171	ug/l	99
86) p-Isopropyltoluene	12.05	119	499029	48.891	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	259706	46.945	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	265558	46.936	ug/l	99
89) n-Butylbenzene	12.37	91	402522	47.346	ug/l	99
90) Hexachloroethane	12.58	117	85777	48.653	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	257673	48.076	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45921	46.465	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	174564	49.040	ug/l	99
94) Hexachlorobutadiene	13.77	225	74002	52.950	ug/l	99
95) Naphthalene	13.82	128	591617	48.482	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	177151	50.799	ug/l	98

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

