

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016819.D
 Acq On : 17 Jun 2020 16:14
 Operator : JC/SP
 Sample : VX0617WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:16:01 AM

Quant Time: Jun 18 01:22:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	304294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	549235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	506527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218011	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	158175	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
35) Dibromofluoromethane	5.46	113	130450	38.50	ug/l	0.00
Spiked Amount			Recovery	=	77.00%	
50) Toluene-d8	8.70	98	499838	40.00	ug/l	0.00
Spiked Amount			Recovery	=	80.00%	
62) 4-Bromofluorobenzene	11.12	95	187996	39.34	ug/l	0.00
Spiked Amount			Recovery	=	78.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	68891	20.127	ug/l	100
3) Chloromethane	1.31	50	59267	17.842	ug/l	100
4) Vinyl Chloride	1.39	62	75588	21.326	ug/l	97
5) Bromomethane	1.63	94	46085	20.936	ug/l	97
6) Chloroethane	1.71	64	45530	20.853	ug/l	99
7) Trichlorofluoromethane	1.92	101	98791	19.352	ug/l	99
8) Diethyl Ether	2.17	74	39295	18.850	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53889	20.749	ug/l	97
10) Methyl Iodide	2.49	142	46924	14.455	ug/l	99
11) Tert butyl alcohol	3.01	59	67871	78.933	ug/l	99
12) 1,1-Dichloroethene	2.36	96	55099	18.526	ug/l	95
13) Acrolein	2.27	56	27993	78.059	ug/l	97
14) Allyl chloride	2.71	41	77989	16.766	ug/l	96
15) Acrylonitrile	3.11	53	146424	83.921	ug/l	99
16) Acetone	2.42	43	155585	100.212	ug/l	98
17) Carbon Disulfide	2.55	76	133954	15.726	ug/l	99
18) Methyl Acetate	2.75	43	74767	18.042	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	164524	16.231	ug/l	98
20) Methylene Chloride	2.84	84	54812	16.390	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	52718	16.495	ug/l	95
22) Diisopropyl ether	3.82	45	152854	17.495	ug/l	97
23) Vinyl Acetate	3.78	43	641194	84.906	ug/l	100
24) 1,1-Dichloroethane	3.67	63	90672	16.592	ug/l	99
25) 2-Butanone	4.63	43	198231	84.719	ug/l	97
26) 2,2-Dichloropropane	4.55	77	84169	16.634	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	60879	16.666	ug/l	97
28) Bromochloromethane	4.98	49	40277	17.278	ug/l	97
29) Tetrahydrofuran	5.09	42	131121	86.503	ug/l	98
30) Chloroform	5.18	83	95229	16.472	ug/l	99
31) Cyclohexane	5.55	56	77253	18.007	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	86048	16.402	ug/l	98
36) 1,1-Dichloropropene	5.77	75	69465	14.312	ug/l	98
37) Ethyl Acetate	4.79	43	76386	14.371	ug/l	100
38) Carbon Tetrachloride	5.76	117	78100	14.168	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	78009	14.549	ug/l	98
40) Benzene	6.11	78	215533	14.585	ug/l	99
41) Methacrylonitrile	5.00	41	41072	14.492	ug/l	98
42) 1,2-Dichloroethane	6.17	62	77190	14.311	ug/l	99
43) Isopropyl Acetate	6.42	43	140759	16.896	ug/l	99
44) Trichloroethene	7.19	130	77679	16.993	ug/l	95
45) 1,2-Dichloropropane	7.49	63	51996	14.353	ug/l	99
46) Dibromomethane	7.64	93	36998	14.013	ug/l	99
47) Bromodichloromethane	7.87	83	75433	13.704	ug/l	97
48) Methyl methacrylate	7.74	41	56460	14.299	ug/l	99
49) 1,4-Dioxane	7.71	88	27392	280.331	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	379060	73.841	ug/l	100
52) Toluene	8.76	92	138632	14.442	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	86006	13.833	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	91522	14.112	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	54908	14.223	ug/l	99
56) Ethyl methacrylate	9.16	69	84206	14.569	ug/l	99
57) 1,3-Dichloropropane	9.35	76	108680	16.748	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	216483	76.176	ug/l	99
59) 2-Hexanone	9.47	43	333691	84.205	ug/l	100
60) Dibromochloromethane	9.57	129	71255	15.618	ug/l	100
61) 1,2-Dibromoethane	9.65	107	67704	16.093	ug/l	97
64) Tetrachloroethene	9.32	164	91451	18.802	ug/l	98
65) Chlorobenzene	10.12	112	169678	16.509	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	64540	15.741	ug/l	98
67) Ethyl Benzene	10.23	91	282675	16.269	ug/l	98
68) m/p-Xylenes	10.34	106	205002	31.118	ug/l	99
69) o-Xylene	10.68	106	102345	16.126	ug/l	99
70) Styrene	10.70	104	169091	15.412	ug/l	100
71) Bromoform	10.84	173	48901	13.978	ug/l	98
73) Isopropylbenzene	11.00	105	247553	17.305	ug/l	99
74) N-amyl acetate	10.88	43	96226	17.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	62710	14.903	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	77750m	16.959	ug/l	
77) Bromobenzene	11.24	156	66658	16.503	ug/l	99
78) n-propylbenzene	11.34	91	266527	17.156	ug/l	100
79) 2-Chlorotoluene	11.40	91	166252	16.924	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	205986	17.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28578	15.692	ug/l	99
82) 4-Chlorotoluene	11.49	91	194159	16.885	ug/l	99
83) tert-Butylbenzene	11.76	119	182277	16.612	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	210154	17.324	ug/l	100
85) sec-Butylbenzene	11.93	105	221988	17.296	ug/l	100
86) p-Isopropyltoluene	12.05	119	209648	17.024	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	115676	16.940	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	115451	16.303	ug/l	98
89) n-Butylbenzene	12.37	91	177966	17.506	ug/l	99
90) Hexachloroethane	12.58	117	36360	16.011	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	117467	17.202	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19584	16.642	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	85933	17.970	ug/l	99
94) Hexachlorobutadiene	13.77	225	37412	18.045	ug/l	97
95) Naphthalene	13.82	128	296318	19.779	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	83988	17.844	ug/l	98

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

