

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016798.D
 Acq On : 16 Jun 2020 23:48
 Operator : JC/SP
 Sample : VX0616WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:35:06 AM

Quant Time: Jun 17 06:47:54 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	297231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162123	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.47	113	136072	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	8.70	98	526303	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	11.12	95	194996	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	62717	18.768	ug/l	100
3) Chloromethane	1.31	50	58989	18.180	ug/l	99
4) Vinyl Chloride	1.39	62	67341	19.451	ug/l	98
5) Bromomethane	1.63	94	45278	21.058	ug/l	100
6) Chloroethane	1.71	64	45676	21.417	ug/l	98
7) Trichlorofluoromethane	1.92	101	100969	20.249	ug/l	96
8) Diethyl Ether	2.17	74	40735	20.005	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55939	22.050	ug/l	97
10) Methyl Iodide	2.50	142	45014	14.196	ug/l	98
11) Tert butyl alcohol	3.01	59	76861	91.512	ug/l	99
12) 1,1-Dichloroethene	2.36	96	58823	20.248	ug/l	95
13) Acrolein	2.27	56	33997	96.493	ug/l	96
14) Allyl chloride	2.71	41	84863	18.678	ug/l	96
15) Acrylonitrile	3.11	53	156568	91.867	ug/l	100
16) Acetone	2.42	43	159184	104.966	ug/l	100
17) Carbon Disulfide	2.55	76	168655	20.271	ug/l	99
18) Methyl Acetate	2.75	43	77899	19.244	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	177909	17.968	ug/l	98
20) Methylene Chloride	2.84	84	58276	17.840	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	55756	17.860	ug/l	98
22) Diisopropyl ether	3.82	45	159187	18.652	ug/l	98
23) Vinyl Acetate	3.78	43	675352	91.554	ug/l	100
24) 1,1-Dichloroethane	3.67	63	96612	18.099	ug/l	98
25) 2-Butanone	4.64	43	213656	93.481	ug/l	97
26) 2,2-Dichloropropane	4.55	77	69277	14.016	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	64142	17.976	ug/l	95
28) Bromochloromethane	4.98	49	41815	18.364	ug/l	99
29) Tetrahydrofuran	5.09	42	137396	92.796	ug/l	100
30) Chloroform	5.18	83	99572	17.632	ug/l	98
31) Cyclohexane	5.55	56	82667	19.660	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	92843	18.118	ug/l	99
36) 1,1-Dichloropropene	5.77	75	75273	18.791	ug/l	99
37) Ethyl Acetate	4.79	43	82176	18.732	ug/l	99
38) Carbon Tetrachloride	5.76	117	84663	18.610	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83610	18.609	ug/l	96
40) Benzene	6.12	78	225339	18.476	ug/l	99
41) Methacrylonitrile	5.00	41	43458	18.579	ug/l	99
42) 1,2-Dichloroethane	6.16	62	79066	17.762	ug/l	98
43) Isopropyl Acetate	6.42	43	128608	18.705	ug/l	100
44) Trichloroethene	7.19	130	76641	20.315	ug/l	98
45) 1,2-Dichloropropane	7.49	63	56481	18.891	ug/l	98
46) Dibromomethane	7.64	93	38580	17.704	ug/l	100
47) Bromodichloromethane	7.88	83	81367	17.910	ug/l	95
48) Methyl methacrylate	7.74	41	60560	18.584	ug/l	97
49) 1,4-Dioxane	7.71	88	30781	381.688	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	404511	95.477	ug/l	100
52) Toluene	8.77	92	145948	18.422	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	87065	16.968	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	92763	17.331	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	58035	18.215	ug/l	98
56) Ethyl methacrylate	9.16	69	88272	18.505	ug/l	97
57) 1,3-Dichloropropane	9.35	76	96204	17.963	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	230076	98.094	ug/l	99
59) 2-Hexanone	9.47	43	313051	95.716	ug/l	100
60) Dibromochloromethane	9.57	129	67549	17.939	ug/l	100
61) 1,2-Dibromoethane	9.65	107	63337	18.241	ug/l	97
64) Tetrachloroethene	9.32	164	80087	19.709	ug/l	97
65) Chlorobenzene	10.12	112	158675	18.479	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	60827	17.758	ug/l	99
67) Ethyl Benzene	10.24	91	268909	18.525	ug/l	99
68) m/p-Xylenes	10.34	106	205300	37.302	ug/l	99
69) o-Xylene	10.68	106	97771	18.440	ug/l	100
70) Styrene	10.70	104	172314	18.799	ug/l	99
71) Bromoform	10.84	173	52873	18.091	ug/l #	98
73) Isopropylbenzene	11.00	105	265040	18.734	ug/l	100
74) N-amyl acetate	10.88	43	103687	18.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	69618	16.728	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	82475m	18.189	ug/l	
77) Bromobenzene	11.24	156	71380	17.869	ug/l	99
78) n-propylbenzene	11.34	91	290266	18.892	ug/l	99
79) 2-Chlorotoluene	11.40	91	177386	18.258	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	225082	18.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28837	16.011	ug/l	96
82) 4-Chlorotoluene	11.49	91	210171	18.481	ug/l	100
83) tert-Butylbenzene	11.76	119	202084	18.622	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	228024	19.006	ug/l	99
85) sec-Butylbenzene	11.93	105	243848	19.210	ug/l	100
86) p-Isopropyltoluene	12.05	119	229984	18.883	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	124190	18.389	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	125986	17.989	ug/l	99
89) n-Butylbenzene	12.37	91	184782	18.378	ug/l	99
90) Hexachloroethane	12.58	117	40288	17.938	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	119015	17.623	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20797	17.870	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	85730	18.127	ug/l	98
94) Hexachlorobutadiene	13.77	225	39023	19.009	ug/l	97
95) Naphthalene	13.82	128	276891	18.688	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	86521	18.587	ug/l	100

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

