

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021820\
 Data File : VX014949.D
 Acq On : 18 Feb 2020 11:05
 Operator : JC/SP
 Sample : VX0218WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2020 12:14:44 PM

Quant Time: Feb 19 00:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	467378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	685205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	634894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	330353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	259606	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	5.49	113	211084	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.71	98	800577	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.13	95	288548	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	84864	19.173	ug/l	100
3) Chloromethane	1.32	50	93973	18.727	ug/l	100
4) Vinyl Chloride	1.40	62	98008	18.130	ug/l	99
5) Bromomethane	1.64	94	65684	18.772	ug/l	98
6) Chloroethane	1.72	64	64654	18.692	ug/l	97
7) Trichlorofluoromethane	1.93	101	142146	18.820	ug/l	97
8) Diethyl Ether	2.18	74	59921	19.132	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82766	18.879	ug/l	99
10) Methyl Iodide	2.50	142	85027	20.246	ug/l	99
11) Tert butyl alcohol	3.02	59	94019	100.952	ug/l	98
12) 1,1-Dichloroethene	2.37	96	77925	18.190	ug/l	98
13) Acrolein	2.28	56	48821	68.779	ug/l	100
14) Allyl chloride	2.72	41	136291	17.944	ug/l	100
15) Acrylonitrile	3.13	53	229121	97.045	ug/l	99
16) Acetone	2.43	43	261073	84.924	ug/l	100
17) Carbon Disulfide	2.56	76	202546	16.922	ug/l	99
18) Methyl Acetate	2.76	43	109413	20.596	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	264488	18.970	ug/l	98
20) Methylene Chloride	2.85	84	89732	17.684	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	84902	17.961	ug/l	97
22) Diisopropyl ether	3.84	45	278394	19.191	ug/l	94
23) Vinyl Acetate	3.80	43	1176346	98.370	ug/l	99
24) 1,1-Dichloroethane	3.69	63	151727	18.532	ug/l	99
25) 2-Butanone	4.65	43	341452	95.085	ug/l	99
26) 2,2-Dichloropropane	4.58	77	130352	18.475	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96268	18.219	ug/l	99
28) Bromochloromethane	5.00	49	63846	20.119	ug/l	98
29) Tetrahydrofuran	5.11	42	199011	97.489	ug/l	98
30) Chloroform	5.20	83	153529	18.901	ug/l	98
31) Cyclohexane	5.57	56	133763	17.938	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	133978	18.856	ug/l	99
36) 1,1-Dichloropropene	5.79	75	117399	19.154	ug/l	99
37) Ethyl Acetate	4.82	43	123195	19.271	ug/l	99
38) Carbon Tetrachloride	5.78	117	113794	19.051	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143904	18.773	ug/l	99
40) Benzene	6.13	78	349791	19.100	ug/l	97
41) Methacrylonitrile	5.03	41	68303	19.833	ug/l	98
42) 1,2-Dichloroethane	6.18	62	127323	19.236	ug/l	98
43) Isopropyl Acetate	6.43	43	203008	19.250	ug/l	100
44) Trichloroethene	7.20	130	97708	18.379	ug/l	96
45) 1,2-Dichloropropane	7.51	63	88301	18.906	ug/l	97
46) Dibromomethane	7.65	93	60408	18.922	ug/l	98
47) Bromodichloromethane	7.89	83	118162	18.667	ug/l	97
48) Methyl methacrylate	7.76	41	100743	19.411	ug/l	99
49) 1,4-Dioxane	7.73	88	40815	420.619	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	638690	100.300	ug/l	100
52) Toluene	8.78	92	219653	18.884	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	128224	18.483	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	143933	18.781	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92011	19.552	ug/l	98
56) Ethyl methacrylate	9.17	69	135232	19.118	ug/l	99
57) 1,3-Dichloropropane	9.36	76	150805	19.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	337456	91.222	ug/l	100
59) 2-Hexanone	9.48	43	498764	99.650	ug/l	100
60) Dibromochloromethane	9.57	129	96931	19.140	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95427	18.794	ug/l	97
64) Tetrachloroethene	9.33	164	101621	17.119	ug/l	98
65) Chlorobenzene	10.14	112	241472	18.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	91189	19.505	ug/l	98
67) Ethyl Benzene	10.25	91	412743	18.846	ug/l	100
68) m/p-Xylenes	10.35	106	318843	37.792	ug/l	100
69) o-Xylene	10.70	106	154255	19.020	ug/l	99
70) Styrene	10.71	104	255752	18.641	ug/l	99
71) Bromoform	10.85	173	73418	18.814	ug/l #	100
73) Isopropylbenzene	11.01	105	412313	19.902	ug/l	100
74) N-amyl acetate	10.89	43	169710	19.716	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	133512	19.715	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113256m	18.959	ug/l	
77) Bromobenzene	11.25	156	109378	18.916	ug/l	99
78) n-propylbenzene	11.35	91	463685	19.352	ug/l	100
79) 2-Chlorotoluene	11.42	91	276934	19.660	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	349835	20.210	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	43820	18.776	ug/l	97
82) 4-Chlorotoluene	11.51	91	319035	19.125	ug/l	99
83) tert-Butylbenzene	11.76	119	344048	20.989	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	347525	19.922	ug/l	99
85) sec-Butylbenzene	11.94	105	402763	19.779	ug/l	100
86) p-Isopropyltoluene	12.06	119	376448	19.755	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	196490	18.942	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194379	18.350	ug/l	99
89) n-Butylbenzene	12.38	91	313305	18.358	ug/l	99
90) Hexachloroethane	12.59	117	65041	19.545	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	192604	18.933	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29630	18.650	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	136779	18.216	ug/l	97
94) Hexachlorobutadiene	13.77	225	68851	18.958	ug/l	99
95) Naphthalene	13.83	128	393189	19.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136408	18.804	ug/l	98

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

