

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
 Data File : VX014959.D
 Acq On : 19 Feb 2020 11:27
 Operator : JC/SP
 Sample : VX0219WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/20/2020 1:41:26 PM

Quant Time: Feb 20 00:36:27 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	458024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	669437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	626956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	323231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	252529	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	5.48	113	204867	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	8.71	98	787541	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	283327	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	82864	19.104	ug/l	99
3) Chloromethane	1.32	50	91610	18.629	ug/l	99
4) Vinyl Chloride	1.40	62	95349	17.999	ug/l	100
5) Bromomethane	1.64	94	63940	18.646	ug/l	98
6) Chloroethane	1.72	64	63481	18.728	ug/l	98
7) Trichlorofluoromethane	1.93	101	138810	18.754	ug/l	99
8) Diethyl Ether	2.18	74	55535	18.094	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81048	18.864	ug/l	98
10) Methyl Iodide	2.50	142	81210	19.843	ug/l	99
11) Tert butyl alcohol	3.01	59	86999	95.322	ug/l	99
12) 1,1-Dichloroethene	2.37	96	76588	18.243	ug/l	97
13) Acrolein	2.28	56	42709	61.397	ug/l	95
14) Allyl chloride	2.72	41	130757	17.567	ug/l	98
15) Acrylonitrile	3.12	53	217588	94.042	ug/l	99
16) Acetone	2.43	43	235351	77.205	ug/l	97
17) Carbon Disulfide	2.56	76	196832	16.780	ug/l	96
18) Methyl Acetate	2.76	43	106018	20.364	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	256450	18.769	ug/l	97
20) Methylene Chloride	2.85	84	86786	17.453	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	83649	18.057	ug/l	96
22) Diisopropyl ether	3.84	45	271615	19.106	ug/l	100
23) Vinyl Acetate	3.80	43	1141791	97.430	ug/l	99
24) 1,1-Dichloroethane	3.69	63	150183	18.718	ug/l	100
25) 2-Butanone	4.65	43	319247	90.717	ug/l	98
26) 2,2-Dichloropropane	4.57	77	124604	18.021	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	93665	18.088	ug/l	99
28) Bromochloromethane	5.00	49	63534	20.430	ug/l	99
29) Tetrahydrofuran	5.11	42	193181	96.565	ug/l	100
30) Chloroform	5.20	83	150528	18.910	ug/l	98
31) Cyclohexane	5.56	56	133987	18.335	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	128657	18.476	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110666	18.480	ug/l	98
37) Ethyl Acetate	4.81	43	119537	19.139	ug/l	99
38) Carbon Tetrachloride	5.77	117	110398	18.917	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	7.45	83	136268	18.195	ug/l	99
40) Benzene	6.13	78	335711	18.763	ug/l	99
41) Methacrylonitrile	5.03	41	65009	19.321	ug/l	96
42) 1,2-Dichloroethane	6.18	62	124152	19.199	ug/l	97
43) Isopropyl Acetate	6.43	43	198044	19.222	ug/l	98
44) Trichloroethene	7.20	130	97581	18.787	ug/l	98
45) 1,2-Dichloropropane	7.50	63	86559	18.970	ug/l	97
46) Dibromomethane	7.65	93	57969	18.585	ug/l	98
47) Bromodichloromethane	7.89	83	113589	18.367	ug/l	96
48) Methyl methacrylate	7.76	41	96611	19.054	ug/l	100
49) 1,4-Dioxane	7.73	88	38435	405.421	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	615394	98.918	ug/l	99
52) Toluene	8.78	92	215090	18.927	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	126109	18.606	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	137068	18.306	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	87815	19.100	ug/l	98
56) Ethyl methacrylate	9.17	69	131554	19.036	ug/l	99
57) 1,3-Dichloropropane	9.36	76	147583	19.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	356002	98.502	ug/l	100
59) 2-Hexanone	9.48	43	471177	96.355	ug/l	99
60) Dibromochloromethane	9.57	129	93543	18.906	ug/l	98
61) 1,2-Dibromoethane	9.67	107	92489	18.644	ug/l	100
64) Tetrachloroethene	9.33	164	99162	16.917	ug/l	98
65) Chlorobenzene	10.13	112	239025	18.797	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	88165	19.097	ug/l	99
67) Ethyl Benzene	10.25	91	411674	19.036	ug/l	100
68) m/p-Xylenes	10.35	106	311748	37.419	ug/l	98
69) o-Xylene	10.69	106	150280	18.765	ug/l	100
70) Styrene	10.71	104	252773	18.657	ug/l	99
71) Bromoform	10.85	173	70559	18.311	ug/l #	97
73) Isopropylbenzene	11.01	105	405356	19.998	ug/l	99
74) N-amyl acetate	10.89	43	165564	19.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	130901	19.755	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	126321m	21.612	ug/l	
77) Bromobenzene	11.25	156	107212	18.950	ug/l	98
78) n-propylbenzene	11.35	91	453544	19.345	ug/l	100
79) 2-Chlorotoluene	11.42	91	275571	19.994	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	342792	20.239	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	40570	17.767	ug/l	95
82) 4-Chlorotoluene	11.51	91	310435	19.019	ug/l	98
83) tert-Butylbenzene	11.76	119	323961	20.199	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	339669	19.900	ug/l	100
85) sec-Butylbenzene	11.94	105	389762	19.562	ug/l	99
86) p-Isopropyltoluene	12.06	119	362129	19.422	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189915	18.711	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	192442	18.567	ug/l	99
89) n-Butylbenzene	12.38	91	306036	18.327	ug/l	100
90) Hexachloroethane	12.59	117	64379	19.772	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	194024	19.493	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28333	18.226	ug/l	96

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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	131253	17.866	ug/l	98
94) Hexachlorobutadiene	13.77	225	66261	18.647	ug/l	97
95) Naphthalene	13.83	128	378806	19.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134536	18.954	ug/l	99

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

