

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042619\
 Data File : VX009192.D
 Acq On : 26 Apr 2019 16:10
 Operator : JC/SP
 Sample : VX0426WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 11:25:35 AM

Quant Time: Apr 27 05:37:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313128	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	125920	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	5.50	113	92999	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	369459	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
62) 4-Bromofluorobenzene	11.13	95	134035	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40890	18.206	ug/l	97
3) Chloromethane	1.32	50	49510	17.956	ug/l	95
4) Vinyl Chloride	1.41	62	48609	18.113	ug/l	100
5) Bromomethane	1.64	94	22823	16.384	ug/l	100
6) Chloroethane	1.71	64	31515	19.970	ug/l	100
7) Trichlorofluoromethane	1.92	101	57916	18.484	ug/l	97
8) Diethyl Ether	2.19	74	26873	18.753	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36077	18.008	ug/l	99
10) Methyl Iodide	2.51	142	20312	12.869	ug/l	99
11) Tert butyl alcohol	3.05	59	64954	106.483	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36530	17.469	ug/l	97
13) Acrolein	2.29	56	51580	97.864	ug/l	99
14) Allyl chloride	2.73	41	86171	18.888	ug/l	99
15) Acrylonitrile	3.14	53	153149	98.904	ug/l	100
16) Acetone	2.45	43	151339	106.197	ug/l	98
17) Carbon Disulfide	2.57	76	101090	17.292	ug/l	99
18) Methyl Acetate	2.78	43	71546	20.116	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	140668	18.879	ug/l	99
20) Methylene Chloride	2.85	84	43923	18.023	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	37955	17.017	ug/l	92
22) Diisopropyl ether	3.85	45	171590	19.356	ug/l	95
23) Vinyl Acetate	3.82	43	761323	97.697	ug/l	99
24) 1,1-Dichloroethane	3.70	63	81335	18.277	ug/l	100
25) 2-Butanone	4.68	43	238605	104.748	ug/l	100
26) 2,2-Dichloropropane	4.59	77	60423	18.114	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45823	18.095	ug/l	97
28) Bromochloromethane	5.01	49	38310	19.551	ug/l	97
29) Tetrahydrofuran	5.13	42	150413	98.655	ug/l	99
30) Chloroform	5.21	83	74681	18.754	ug/l	96
31) Cyclohexane	5.58	56	78136	17.852	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	61192	18.540	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55289	17.073	ug/l	97
37) Ethyl Acetate	4.84	43	85151	20.434	ug/l	100
38) Carbon Tetrachloride	5.79	117	49883	18.169	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70171	17.797	ug/l	99
40) Benzene	6.14	78	176010	18.423	ug/l	99
41) Methacrylonitrile	5.05	41	47355	19.800	ug/l	98
42) 1,2-Dichloroethane	6.19	62	63888	18.878	ug/l	99
43) Isopropyl Acetate	6.45	43	129994	19.358	ug/l	100
44) Trichloroethene	7.21	130	41040	17.532	ug/l	98
45) 1,2-Dichloropropane	7.51	63	50548	19.072	ug/l	99
46) Dibromomethane	7.66	93	28215	18.292	ug/l	100
47) Bromodichloromethane	7.90	83	56162	18.564	ug/l	99
48) Methyl methacrylate	7.77	41	64768	19.520	ug/l	99
49) 1,4-Dioxane	7.74	88	26378	424.735	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	444965	104.008	ug/l	99
52) Toluene	8.79	92	107723	18.814	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	62815	18.041	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	71233	18.271	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43577	19.203	ug/l	99
56) Ethyl methacrylate	9.18	69	79479	19.533	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77460	19.172	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	193837	88.464	ug/l	100
59) 2-Hexanone	9.49	43	351809	106.661	ug/l	99
60) Dibromochloromethane	9.58	129	41300	18.990	ug/l	100
61) 1,2-Dibromoethane	9.67	107	44440	18.975	ug/l	100
64) Tetrachloroethene	9.33	164	37199	17.258	ug/l	97
65) Chlorobenzene	10.14	112	108857	18.176	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	38822	18.400	ug/l	99
67) Ethyl Benzene	10.25	91	203359	18.575	ug/l	100
68) m/p-Xylenes	10.36	106	149601	37.599	ug/l	99
69) o-Xylene	10.70	106	72962	18.846	ug/l	99
70) Styrene	10.71	104	124508	18.559	ug/l	99
71) Bromoform	10.85	173	30619	18.216	ug/l #	98
73) Isopropylbenzene	11.02	105	192497	18.985	ug/l	99
74) N-amyl acetate	10.90	43	116766	20.056	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72891	19.675	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	63287m	19.375	ug/l	
77) Bromobenzene	11.26	156	48065	18.788	ug/l	99
78) n-propylbenzene	11.36	91	220181	18.919	ug/l	100
79) 2-Chlorotoluene	11.42	91	133866	19.088	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	163075	19.166	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22425	17.625	ug/l	93
82) 4-Chlorotoluene	11.51	91	152275	18.696	ug/l	99
83) tert-Butylbenzene	11.77	119	159851	19.568	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	164967	19.047	ug/l	100
85) sec-Butylbenzene	11.94	105	185868	19.077	ug/l	99
86) p-Isopropyltoluene	12.06	119	169107	18.879	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81878	18.286	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83346	18.362	ug/l	99
89) n-Butylbenzene	12.38	91	149828	17.960	ug/l	99
90) Hexachloroethane	12.60	117	27357	18.515	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	84580	19.129	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17042	20.203	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57025	17.867	ug/l	100
94) Hexachlorobutadiene	13.78	225	28885	18.145	ug/l	99
95) Naphthalene	13.83	128	196595	19.226	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	59145	18.781	ug/l	99

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

