

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007841.D
 Acq On : 05 Mar 2019 17:01
 Operator : JC/SP
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 9:49:40 AM

Quant Time: Mar 06 00:50:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	420635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157188	44.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.90%	
35) Dibromofluoromethane	5.51	113	141277	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	8.71	98	510309	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.13	95	180954	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44528	16.933	ug/l	97
3) Chloromethane	1.33	50	55735	19.126	ug/l	99
4) Vinyl Chloride	1.41	62	58393	19.532	ug/l	90
5) Bromomethane	1.64	94	31799	15.823	ug/l	98
6) Chloroethane	1.73	64	231782	121.347	ug/l #	80
7) Trichlorofluoromethane	1.93	101	79708	17.391	ug/l	97
8) Diethyl Ether	2.19	74	35227	18.728	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48520	17.515	ug/l	100
10) Methyl Iodide	2.51	142	76431	22.158	ug/l	97
11) Tert butyl alcohol	3.07	59	76027	113.321	ug/l	100
12) 1,1-Dichloroethene	2.38	96	47597	19.062	ug/l	97
13) Acrolein	2.30	56	5281	8.858	ug/l	96
14) Allyl chloride	2.73	41	102484	22.197	ug/l	89
15) Acrylonitrile	3.15	53	168623	106.802	ug/l	100
16) Acetone	2.45	43	144230	91.723	ug/l	99
17) Carbon Disulfide	2.57	76	142034	20.446	ug/l	100
18) Methyl Acetate	2.78	43	83761	24.411	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	175259	20.155	ug/l	98
20) Methylene Chloride	2.86	84	54738	18.852	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	51068	18.812	ug/l	92
22) Diisopropyl ether	3.87	45	194781	20.266	ug/l	94
23) Vinyl Acetate	3.82	43	839921	99.605	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104827	20.068	ug/l	97
25) 2-Butanone	4.70	43	241426	100.793	ug/l	95
26) 2,2-Dichloropropane	4.59	77	67925	16.290	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62193	18.006	ug/l	93
28) Bromochloromethane	5.02	49	45409	17.857	ug/l	87
29) Tetrahydrofuran	5.15	42	162147	102.697	ug/l	93
30) Chloroform	5.21	83	101065	18.063	ug/l	99
31) Cyclohexane	5.58	56	88625	18.037	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	86358	18.662	ug/l	99
36) 1,1-Dichloropropene	5.80	75	71308	18.856	ug/l	97
37) Ethyl Acetate	4.85	43	89976	21.419	ug/l	99
38) Carbon Tetrachloride	5.78	117	76990	20.267	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85649	17.920	ug/l	93
40) Benzene	6.15	78	228803	19.600	ug/l	98
41) Methacrylonitrile	5.06	41	49536	22.083	ug/l	94
42) 1,2-Dichloroethane	6.20	62	76830	19.581	ug/l	99
43) Isopropyl Acetate	6.46	43	141510	21.888	ug/l	98
44) Trichloroethene	7.21	130	60929	18.973	ug/l	95
45) 1,2-Dichloropropane	7.52	63	62577	20.694	ug/l	99
46) Dibromomethane	7.66	93	38823	18.403	ug/l	98
47) Bromodichloromethane	7.90	83	79557	21.761	ug/l	98
48) Methyl methacrylate	7.77	41	67990	20.062	ug/l	92
49) 1,4-Dioxane	7.75	88	29498	402.998	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	462589	106.890	ug/l	100
52) Toluene	8.78	92	138124	18.764	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82516	19.940	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	90967	20.504	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	60430	19.686	ug/l	97
56) Ethyl methacrylate	9.18	69	85148	19.505	ug/l	93
57) 1,3-Dichloropropane	9.37	76	98651	20.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	211021	87.660	ug/l	97
59) 2-Hexanone	9.49	43	350297	103.100	ug/l	100
60) Dibromochloromethane	9.58	129	66649	22.564	ug/l	98
61) 1,2-Dibromoethane	9.67	107	62745	19.687	ug/l	100
64) Tetrachloroethene	9.34	164	55265	18.392	ug/l	97
65) Chlorobenzene	10.13	112	155348	19.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59953	21.470	ug/l	99
67) Ethyl Benzene	10.25	91	256983	19.379	ug/l	100
68) m/p-Xylenes	10.36	106	196948	38.176	ug/l	96
69) o-Xylene	10.69	106	96449	19.436	ug/l	96
70) Styrene	10.71	104	156108	19.139	ug/l	99
71) Bromoform	10.86	173	55977	26.733	ug/l #	100
73) Isopropylbenzene	11.02	105	258890	19.361	ug/l	100
74) N-amyl acetate	10.90	43	120404	20.736	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	92450	19.990	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	88562m	22.208	ug/l	
77) Bromobenzene	11.26	156	69643	20.765	ug/l	94
78) n-propylbenzene	11.36	91	285527	18.897	ug/l	98
79) 2-Chlorotoluene	11.42	91	172524	18.963	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	212139	19.288	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	27210	20.193	ug/l	92
82) 4-Chlorotoluene	11.51	91	194612	18.285	ug/l	99
83) tert-Butylbenzene	11.77	119	222679	21.086	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	219001	19.466	ug/l	98
85) sec-Butylbenzene	11.94	105	254004	19.194	ug/l	98
86) p-Isopropyltoluene	12.06	119	224559	19.377	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120697	19.401	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	122001	19.149	ug/l	98
89) n-Butylbenzene	12.39	91	182748	17.682	ug/l	100
90) Hexachloroethane	12.60	117	42079	21.549	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	122361	19.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19819	19.668	ug/l	98

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93) 1,2,4-Trichlorobenzene	13.65	180	82438	21.697	ug/l	100
94) Hexachlorobutadiene	13.78	225	44425	25.559	ug/l	99
95) Naphthalene	13.83	128	248285	20.170	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	83846	21.977	ug/l	99

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

