

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007877.D
 Acq On : 07 Mar 2019 11:55
 Operator : JC/SP
 Sample : VX0307WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 9:40:27 AM

Quant Time: Mar 08 05:33:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	292444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	412254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155154	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	135693	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	8.71	98	522034	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
62) 4-Bromofluorobenzene	11.13	95	187538	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	48363	19.357	ug/l	99
3) Chloromethane	1.33	50	62065	19.276	ug/l	99
4) Vinyl Chloride	1.41	62	61307	19.163	ug/l	100
5) Bromomethane	1.64	94	29377	18.865	ug/l	99
6) Chloroethane	1.72	64	37996	17.877	ug/l	99
7) Trichlorofluoromethane	1.93	101	77763	18.669	ug/l	97
8) Diethyl Ether	2.19	74	33785	18.731	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48549	18.808	ug/l	100
10) Methyl Iodide	2.51	142	70302	19.198	ug/l	99
11) Tert butyl alcohol	3.07	59	65982	95.638	ug/l	100
12) 1,1-Dichloroethene	2.37	96	46407	18.651	ug/l	98
13) Acrolein	2.29	56	37042	95.832	ug/l	99
14) Allyl chloride	2.73	41	96801	18.515	ug/l	99
15) Acrylonitrile	3.15	53	161730	92.873	ug/l	100
16) Acetone	2.45	43	158367	88.690	ug/l	100
17) Carbon Disulfide	2.57	76	144001	18.778	ug/l	100
18) Methyl Acetate	2.78	43	72528	19.119	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	162122	18.940	ug/l	100
20) Methylene Chloride	2.86	84	53277	18.747	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	49550	18.099	ug/l	98
22) Diisopropyl ether	3.87	45	181435	18.931	ug/l	97
23) Vinyl Acetate	3.82	43	788480	93.816	ug/l	100
24) 1,1-Dichloroethane	3.70	63	97452	18.894	ug/l	100
25) 2-Butanone	4.70	43	231386	91.530	ug/l	99
26) 2,2-Dichloropropane	4.58	77	62515	18.295	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	57308	18.293	ug/l	100
28) Bromochloromethane	5.02	49	49386	20.539	ug/l	98
29) Tetrahydrofuran	5.15	42	147408	93.482	ug/l	100
30) Chloroform	5.21	83	91809	18.818	ug/l	99
31) Cyclohexane	5.57	56	90432	19.077	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	74624	18.435	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69725	18.679	ug/l	100
37) Ethyl Acetate	4.85	43	82590	18.644	ug/l	99
38) Carbon Tetrachloride	5.78	117	66289	18.705	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89454	19.777	ug/l	96
40) Benzene	6.14	78	215369	19.380	ug/l	99
41) Methacrylonitrile	5.06	41	46497	19.252	ug/l	99
42) 1,2-Dichloroethane	6.20	62	70501	19.399	ug/l	100
43) Isopropyl Acetate	6.46	43	126340	19.271	ug/l	99
44) Trichloroethene	7.21	130	58647	19.150	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57563	19.612	ug/l	98
46) Dibromomethane	7.66	93	36376	19.583	ug/l	99
47) Bromodichloromethane	7.90	83	67006	19.026	ug/l	98
48) Methyl methacrylate	7.77	41	67416	19.559	ug/l	99
49) 1,4-Dioxane	7.75	88	27882	393.782	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	422656	100.247	ug/l	100
52) Toluene	8.78	92	134843	19.874	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	69439	18.891	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	80057	19.287	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	55166	20.086	ug/l	99
56) Ethyl methacrylate	9.18	69	83403	20.225	ug/l	99
57) 1,3-Dichloropropane	9.37	76	91310	19.800	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	223196	104.633	ug/l	100
59) 2-Hexanone	9.49	43	325593	99.469	ug/l	99
60) Dibromochloromethane	9.58	129	55067	19.182	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57122	19.589	ug/l	100
64) Tetrachloroethene	9.34	164	59328	19.252	ug/l	96
65) Chlorobenzene	10.13	112	150156	19.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	52662	18.882	ug/l	99
67) Ethyl Benzene	10.25	91	251245	19.614	ug/l	99
68) m/p-Xylenes	10.36	106	196136	39.724	ug/l	99
69) o-Xylene	10.69	106	93788	19.675	ug/l	100
70) Styrene	10.71	104	156324	20.040	ug/l	99
71) Bromoform	10.85	173	43171	18.025	ug/l #	100
73) Isopropylbenzene	11.02	105	255265	19.774	ug/l	100
74) N-amyl acetate	10.90	43	109075	18.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82260	18.474	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	78629m	19.631	ug/l	
77) Bromobenzene	11.26	156	67812	19.160	ug/l	100
78) n-propylbenzene	11.36	91	286629	20.015	ug/l	100
79) 2-Chlorotoluene	11.42	91	169991	19.414	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	210706	19.832	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21615	17.250	ug/l	93
82) 4-Chlorotoluene	11.51	91	196388	19.571	ug/l	100
83) tert-Butylbenzene	11.77	119	207470	19.386	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	216170	19.847	ug/l	100
85) sec-Butylbenzene	11.94	105	252752	20.052	ug/l	99
86) p-Isopropyltoluene	12.06	119	227517	20.155	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120232	19.202	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118798	18.527	ug/l	99
89) n-Butylbenzene	12.38	91	188822	19.744	ug/l	99
90) Hexachloroethane	12.60	117	34894	18.488	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	118235	19.008	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16644	17.885	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82673	18.920	ug/l	100
94) Hexachlorobutadiene	13.78	225	45675	19.993	ug/l	99
95) Naphthalene	13.83	128	237780	18.886	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82820	19.026	ug/l	99

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

