

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009035.D
 Acq On : 18 Apr 2019 11:50
 Operator : JC/SP
 Sample : VX0418WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 9:11:55 AM

Quant Time: Apr 19 04:46:23 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	5.67	168	213386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	151023	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.50	113	109724	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	8.71	98	436338	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	151372	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50485	20.541	ug/l	100
3) Chloromethane	1.32	50	60246	19.966	ug/l	97
4) Vinyl Chloride	1.41	62	57416	19.550	ug/l	100
5) Bromomethane	1.64	94	33986	20.906	ug/l	95
6) Chloroethane	1.72	64	34463	19.956	ug/l	97
7) Trichlorofluoromethane	1.93	101	67631	19.724	ug/l	97
8) Diethyl Ether	2.19	74	30623	19.528	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42924	19.579	ug/l	99
10) Methyl Iodide	2.51	142	44094	21.186	ug/l	99
11) Tert butyl alcohol	3.05	59	68782	103.041	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44109	19.276	ug/l	98
13) Acrolein	2.29	56	43107	74.739	ug/l	97
14) Allyl chloride	2.73	41	102259	20.483	ug/l	99
15) Acrylonitrile	3.14	53	176813	104.346	ug/l	99
16) Acetone	2.45	43	165320	106.010	ug/l	99
17) Carbon Disulfide	2.57	76	124671	19.328	ug/l	100
18) Methyl Acetate	2.78	43	79881	20.524	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	164161	20.134	ug/l	100
20) Methylene Chloride	2.86	84	52259	19.596	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	46386	19.005	ug/l	94
22) Diisopropyl ether	3.86	45	202300	20.853	ug/l	89
23) Vinyl Acetate	3.81	43	899669	105.500	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97302	19.981	ug/l	99
25) 2-Butanone	4.67	43	267353	107.254	ug/l	99
26) 2,2-Dichloropropane	4.59	77	69356	19.000	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	54976	19.839	ug/l	100
28) Bromochloromethane	5.01	49	44651	20.954	ug/l	98
29) Tetrahydrofuran	5.13	42	174280	104.458	ug/l	99
30) Chloroform	5.21	83	88438	20.294	ug/l	97
31) Cyclohexane	5.58	56	95324	19.902	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	72206	19.992	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67167	18.632	ug/l	99
37) Ethyl Acetate	4.84	43	100162	21.592	ug/l	99
38) Carbon Tetrachloride	5.79	117	59454	19.454	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82438	18.782	ug/l	96
40) Benzene	6.14	78	210423	19.786	ug/l	99
41) Methacrylonitrile	5.04	41	55643	20.900	ug/l	99
42) 1,2-Dichloroethane	6.19	62	75775	20.114	ug/l	99
43) Isopropyl Acetate	6.45	43	151283	20.237	ug/l	100
44) Trichloroethene	7.21	130	48453	18.594	ug/l	97
45) 1,2-Dichloropropane	7.51	63	59041	20.011	ug/l	98
46) Dibromomethane	7.66	93	34174	19.903	ug/l	98
47) Bromodichloromethane	7.90	83	65619	19.484	ug/l	100
48) Methyl methacrylate	7.77	41	76116	20.607	ug/l	99
49) 1,4-Dioxane	7.74	88	27266	394.391	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	503703	105.766	ug/l	99
52) Toluene	8.78	92	125505	19.691	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74945	19.336	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84480	19.466	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	51475	20.377	ug/l	97
56) Ethyl methacrylate	9.18	69	91888	20.287	ug/l	100
57) 1,3-Dichloropropane	9.37	76	90992	20.231	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	245636	100.706	ug/l	99
59) 2-Hexanone	9.49	43	383564	104.464	ug/l	100
60) Dibromochloromethane	9.58	129	47626	19.672	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51470	19.742	ug/l	99
64) Tetrachloroethene	9.34	164	44559	19.166	ug/l	98
65) Chlorobenzene	10.14	112	126198	19.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45811	20.132	ug/l	99
67) Ethyl Benzene	10.25	91	230824	19.548	ug/l	99
68) m/p-Xylenes	10.36	106	164915	38.429	ug/l	99
69) o-Xylene	10.70	106	80806	19.352	ug/l	99
70) Styrene	10.71	104	140686	19.443	ug/l	99
71) Bromoform	10.85	173	34714	19.148	ug/l #	100
73) Isopropylbenzene	11.02	105	217001	20.643	ug/l	100
74) N-amyl acetate	10.90	43	126483	20.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	80674	21.004	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	71189m	21.022	ug/l	
77) Bromobenzene	11.26	156	52689	19.865	ug/l	99
78) n-propylbenzene	11.36	91	245784	20.371	ug/l	99
79) 2-Chlorotoluene	11.42	91	149200	20.520	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	182848	20.728	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25562	19.379	ug/l	92
82) 4-Chlorotoluene	11.51	91	168458	19.950	ug/l	100
83) tert-Butylbenzene	11.77	119	170819	20.169	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	184881	20.589	ug/l	99
85) sec-Butylbenzene	11.94	105	206353	20.429	ug/l	100
86) p-Isopropyltoluene	12.06	119	186228	20.053	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89896	19.365	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	90238	19.176	ug/l	99
89) n-Butylbenzene	12.38	91	170448	19.708	ug/l	99
90) Hexachloroethane	12.60	117	30292	19.774	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	90678	19.782	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17378	19.871	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61316	18.530	ug/l	99
94) Hexachlorobutadiene	13.78	225	32378	19.619	ug/l	99
95) Naphthalene	13.83	128	206030	19.434	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	62242	19.064	ug/l	99

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

