

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004420.D
 Acq On : 07 Sep 2018 20:59
 Operator : JC/MD
 Sample : VX0907WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:15:33 AM

Quant Time: Sep 08 04:54:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	218505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236996	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184171	64.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.34%	
35) Dibromofluoromethane	5.50	113	156160	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
50) Toluene-d8	8.71	98	538178	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	219356	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27698	10.94	ug/l	99
3) Chloromethane	1.32	50	49643	17.93	ug/l	99
4) Vinyl Chloride	1.40	62	47274	16.51	ug/l	97
5) Bromomethane	1.64	94	23495	15.24	ug/l	98
6) Chloroethane	1.71	64	42122	19.93	ug/l	99
7) Trichlorofluoromethane	1.92	101	59015	15.04	ug/l	90
8) Diethyl Ether	2.19	74	45212	26.91	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34653	14.10	ug/l	100
10) Methyl Iodide	2.51	142	34755	15.73	ug/l	98
11) Tert butyl alcohol	3.07	59	95306	156.99	ug/l	99
12) 1,1-Dichloroethene	2.37	96	41054	17.74	ug/l	98
13) Acrolein	2.29	56	18407	125.77	ug/l #	81
14) Allyl chloride	2.72	41	100117	23.54	ug/l	94
15) Acrylonitrile	3.15	53	210760	140.19	ug/l	99
16) Acetone	2.45	43	173910	146.24	ug/l	99
17) Carbon Disulfide	2.56	76	99946	16.10	ug/l	100
18) Methyl Acetate	2.78	43	159462	37.73	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	213722	28.02	ug/l	98
20) Methylene Chloride	2.85	84	68591	25.02	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	51242	20.00	ug/l	99
22) Diisopropyl ether	3.87	45	206005	25.94	ug/l	99
23) Vinyl Acetate	3.82	43	792482	123.13	ug/l	98
24) 1,1-Dichloroethane	3.69	63	109631	23.69	ug/l	99
25) 2-Butanone	4.70	43	268231	139.30	ug/l	99
26) 2,2-Dichloropropane	4.58	77	59474	16.39	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	68210	23.47	ug/l	96
28) Bromochloromethane	5.02	49	56944	27.79	ug/l	98
29) Tetrahydrofuran	5.17	42	169074	138.18	ug/l	99
30) Chloroform	5.21	83	112271	24.20	ug/l	95
31) Cyclohexane	5.57	56	57193	14.32	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	76123	19.68	ug/l	99
36) 1,1-Dichloropropene	5.79	75	61683	14.44	ug/l	97
37) Ethyl Acetate	4.86	43	93825	22.34	ug/l	99
38) Carbon Tetrachloride	5.77	117	58209	14.49	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	54851	11.25	ug/l	98
40) Benzene	6.14	78	246325	19.30	ug/l	100
41) Methacrylonitrile	5.06	41	56205	23.09	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92257	21.19	ug/l	99
43) Isopropyl Acetate	6.46	43	145136	22.49	ug/l	99
44) Trichloroethene	7.21	130	61248	17.34	ug/l	96
45) 1,2-Dichloropropane	7.51	63	68400	21.42	ug/l	100
46) Dibromomethane	7.66	93	45576	21.43	ug/l	98
47) Bromodichloromethane	7.90	83	83333	21.06	ug/l	99
48) Methyl methacrylate	7.78	41	78150	22.63	ug/l	99
49) 1,4-Dioxane	7.76	88	39336	501.67	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	522848	111.49	ug/l	100
52) Toluene	8.79	92	151584	18.98	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	89453	20.47	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	99668	20.93	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	73260	22.72	ug/l	99
56) Ethyl methacrylate	9.18	69	100108	22.80	ug/l	97
57) 1,3-Dichloropropane	9.37	76	121396	22.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	263642	117.21	ug/l	99
59) 2-Hexanone	9.50	43	394306	110.21	ug/l	100
60) Dibromochloromethane	9.59	129	67752	21.56	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73069	21.90	ug/l	100
64) Tetrachloroethene	9.34	164	61026	16.75	ug/l	99
65) Chlorobenzene	10.14	112	181153	19.58	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	64734	20.28	ug/l	99
67) Ethyl Benzene	10.25	91	274609	18.27	ug/l	98
68) m/p-Xylenes	10.36	106	210029	35.74	ug/l	99
69) o-Xylene	10.70	106	106867	19.23	ug/l	100
70) Styrene	10.71	104	183290	20.36	ug/l	100
71) Bromoform	10.86	173	51627	20.07	ug/l #	98
73) Isopropylbenzene	11.02	105	266131	17.10	ug/l	100
74) N-amyl acetate	10.90	43	120610	20.12	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	112838	20.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	99403m	20.62	ug/l	
77) Bromobenzene	11.26	156	85768	19.64	ug/l	98
78) n-propylbenzene	11.36	91	296948	16.59	ug/l	100
79) 2-Chlorotoluene	11.42	91	202003	18.33	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230905	17.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26729	17.99	ug/l	96
82) 4-Chlorotoluene	11.51	91	235658	18.17	ug/l	99
83) tert-Butylbenzene	11.77	119	218473	16.85	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	246897	18.66	ug/l	98
85) sec-Butylbenzene	11.94	105	245249	15.93	ug/l	100
86) p-Isopropyltoluene	12.07	119	228602	16.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	150469	18.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156936	18.11	ug/l	98
89) n-Butylbenzene	12.39	91	170347	15.18	ug/l	97
90) Hexachloroethane	12.60	117	31746	16.46	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	150241	20.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19317	20.13	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	102346	18.72	ug/l	98
94) Hexachlorobutadiene	13.79	225	39123	15.29	ug/l	97
95) Naphthalene	13.83	128	338659	21.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115496	19.96	ug/l	98

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

