

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008654.D
 Acq On : 04 Apr 2019 23:06
 Operator : JC/SP
 Sample : VX0404WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 10:54:00 AM

Quant Time: Apr 05 09:00:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	294957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	126484	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	5.50	113	92878	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	375885	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	136866	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	35197	17.507	ug/l 99
3) Chloromethane	1.32	50	49377	18.993	ug/l 99
4) Vinyl Chloride	1.40	62	47862	17.611	ug/l 99
5) Bromomethane	1.64	94	23025	18.435	ug/l 99
6) Chloroethane	1.71	64	30541	18.680	ug/l 100
7) Trichlorofluoromethane	1.93	101	54176	18.033	ug/l 97
8) Diethyl Ether	2.18	74	26198	18.389	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33951	17.553	ug/l 99
10) Methyl Iodide	2.51	142	22911	15.968	ug/l 100
11) Tert butyl alcohol	3.05	59	61233	102.672	ug/l 100
12) 1,1-Dichloroethene	2.37	96	36222	17.939	ug/l 98
13) Acrolein	2.29	56	20940	70.810	ug/l 96
14) Allyl chloride	2.73	41	82326	17.810	ug/l 100
15) Acrylonitrile	3.14	53	146913	92.986	ug/l 100
16) Acetone	2.44	43	125691	85.664	ug/l 97
17) Carbon Disulfide	2.57	76	105939	17.691	ug/l 99
18) Methyl Acetate	2.78	43	64492	18.123	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	138397	19.193	ug/l 97
20) Methylene Chloride	2.85	84	43947	17.894	ug/l 95
21) trans-1,2-Dichloroethene	3.17	96	38790	17.760	ug/l 95
22) Diisopropyl ether	3.85	45	168008	18.858	ug/l 95
23) Vinyl Acetate	3.81	43	732477	94.507	ug/l 98
24) 1,1-Dichloroethane	3.70	63	81707	18.523	ug/l 99
25) 2-Butanone	4.67	43	215930	93.111	ug/l 99
26) 2,2-Dichloropropane	4.58	77	46823	15.071	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	45111	17.965	ug/l 98
28) Bromochloromethane	5.01	49	45526	23.078	ug/l 99
29) Tetrahydrofuran	5.13	42	144578	93.930	ug/l 99
30) Chloroform	5.21	83	73128	18.561	ug/l 97
31) Cyclohexane	5.58	56	77398	17.585	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	59303	18.627	ug/l 99
36) 1,1-Dichloropropene	5.80	75	56689	17.582	ug/l 100
37) Ethyl Acetate	4.84	43	81407	18.916	ug/l 98
38) Carbon Tetrachloride	5.79	117	48483	18.168	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66920	16.802	ug/l	99
40) Benzene	6.14	78	175426	18.264	ug/l	99
41) Methacrylonitrile	5.04	41	45347	18.331	ug/l	99
42) 1,2-Dichloroethane	6.20	62	61927	17.984	ug/l	100
43) Isopropyl Acetate	6.45	43	127312	18.885	ug/l	100
44) Trichloroethene	7.21	130	40329	18.027	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49866	18.189	ug/l	97
46) Dibromomethane	7.66	93	28372	17.843	ug/l	98
47) Bromodichloromethane	7.90	83	54761	18.266	ug/l	100
48) Methyl methacrylate	7.77	41	64227	18.834	ug/l	99
49) 1,4-Dioxane	7.74	88	25781	403.563	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	421124	97.037	ug/l	100
52) Toluene	8.78	92	105090	18.558	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	60423	17.992	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67610	17.619	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42549	18.719	ug/l	98
56) Ethyl methacrylate	9.18	69	78667	19.128	ug/l	99
57) 1,3-Dichloropropane	9.37	76	76588	18.764	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	209149	99.593	ug/l	99
59) 2-Hexanone	9.49	43	332108	98.470	ug/l	99
60) Dibromochloromethane	9.58	129	39937	18.645	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43756	18.491	ug/l	99
64) Tetrachloroethene	9.34	164	35831	18.289	ug/l	98
65) Chlorobenzene	10.13	112	106700	18.203	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	37369	18.172	ug/l	99
67) Ethyl Benzene	10.25	91	200869	18.377	ug/l	100
68) m/p-Xylenes	10.36	106	144562	36.784	ug/l	99
69) o-Xylene	10.70	106	71582	18.795	ug/l	99
70) Styrene	10.71	104	123212	18.768	ug/l	100
71) Bromoform	10.85	173	29095	18.525	ug/l #	98
73) Isopropylbenzene	11.02	105	188743	18.725	ug/l	99
74) N-amyl acetate	10.90	43	113496	19.138	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72800	18.990	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61406m	18.378	ug/l	
77) Bromobenzene	11.26	156	45486	18.771	ug/l	98
78) n-propylbenzene	11.36	91	214920	18.312	ug/l	100
79) 2-Chlorotoluene	11.42	91	130076	18.314	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	158513	18.734	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20220	16.681	ug/l	94
82) 4-Chlorotoluene	11.51	91	148819	18.101	ug/l	98
83) tert-Butylbenzene	11.77	119	150500	18.488	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	159541	18.622	ug/l	100
85) sec-Butylbenzene	11.94	105	180604	18.678	ug/l	99
86) p-Isopropyltoluene	12.06	119	162061	18.674	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	79087	18.231	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	78158	17.792	ug/l	98
89) n-Butylbenzene	12.38	91	143280	17.604	ug/l	99
90) Hexachloroethane	12.59	117	25855	17.962	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	81312	18.878	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16091	19.081	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	55099	18.398	ug/l	99
94) Hexachlorobutadiene	13.78	225	26583	18.509	ug/l	99
95) Naphthalene	13.83	128	192533	19.236	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57548	19.233	ug/l	98

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

