

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008627.D
 Acq On : 04 Apr 2019 11:51
 Operator : JC/SP
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 11:11:46 AM

Quant Time: Apr 05 07:26:04 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	185956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128305	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	139910	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	5.49	113	102581	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	8.71	98	414025	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.13	95	148301	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	38810	18.131	ug/l 99
3) Chloromethane	1.32	50	54271	19.663	ug/l 100
4) Vinyl Chloride	1.40	62	51580	17.826	ug/l 97
5) Bromomethane	1.64	94	26625	19.860	ug/l 97
6) Chloroethane	1.72	64	34772	20.199	ug/l 98
7) Trichlorofluoromethane	1.93	101	58509	18.292	ug/l 99
8) Diethyl Ether	2.18	74	27579	18.182	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38228	18.563	ug/l 99
10) Methyl Iodide	2.51	142	31060	19.238	ug/l 99
11) Tert butyl alcohol	3.04	59	58692	92.432	ug/l 100
12) 1,1-Dichloroethene	2.37	96	38628	17.968	ug/l 98
13) Acrolein	2.29	56	24222	76.931	ug/l 100
14) Allyl chloride	2.73	41	88668	18.017	ug/l 99
15) Acrylonitrile	3.14	53	150538	89.491	ug/l 99
16) Acetone	2.44	43	141947	90.864	ug/l 100
17) Carbon Disulfide	2.57	76	114639	17.993	ug/l 100
18) Methyl Acetate	2.77	43	65416	17.266	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	143676	18.714	ug/l 100
20) Methylene Chloride	2.85	84	46762	17.883	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	41275	17.750	ug/l 99
22) Diisopropyl ether	3.85	45	178284	18.795	ug/l 96
23) Vinyl Acetate	3.81	43	781958	94.761	ug/l 100
24) 1,1-Dichloroethane	3.70	63	86556	18.430	ug/l 99
25) 2-Butanone	4.67	43	224340	90.859	ug/l 100
26) 2,2-Dichloropropane	4.58	77	59375	17.950	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	48195	18.027	ug/l 99
28) Bromochloromethane	5.02	49	46245	21.870	ug/l 98
29) Tetrahydrofuran	5.13	42	145199	88.601	ug/l 100
30) Chloroform	5.21	83	78070	18.612	ug/l 99
31) Cyclohexane	5.58	56	85082	18.156	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	62532	18.447	ug/l 99
36) 1,1-Dichloropropene	5.79	75	60479	17.676	ug/l 99
37) Ethyl Acetate	4.83	43	83385	18.258	ug/l 99
38) Carbon Tetrachloride	5.78	117	52011	18.367	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74999	17.744	ug/l	98
40) Benzene	6.14	78	185995	18.247	ug/l	100
41) Methacrylonitrile	5.04	41	45966	17.510	ug/l	98
42) 1,2-Dichloroethane	6.19	62	65570	17.944	ug/l	100
43) Isopropyl Acetate	6.44	43	129624	18.119	ug/l	100
44) Trichloroethene	7.21	130	42371	17.848	ug/l	97
45) 1,2-Dichloropropane	7.51	63	52845	18.164	ug/l	99
46) Dibromomethane	7.66	93	29895	17.717	ug/l	100
47) Bromodichloromethane	7.90	83	58126	18.270	ug/l	99
48) Methyl methacrylate	7.77	41	65617	18.132	ug/l	100
49) 1,4-Dioxane	7.74	88	25480	375.851	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	426867	92.689	ug/l	100
52) Toluene	8.78	92	111776	18.600	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64703	18.155	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	73364	18.016	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	44811	18.577	ug/l	99
56) Ethyl methacrylate	9.18	69	81078	18.577	ug/l	100
57) 1,3-Dichloropropane	9.37	76	79897	18.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	210740	94.564	ug/l	99
59) 2-Hexanone	9.49	43	331661	92.667	ug/l	99
60) Dibromochloromethane	9.58	129	41998	18.477	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45324	18.049	ug/l	98
64) Tetrachloroethene	9.34	164	37295	17.985	ug/l	98
65) Chlorobenzene	10.13	112	113089	18.227	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39185	18.003	ug/l	100
67) Ethyl Benzene	10.25	91	211429	18.275	ug/l	99
68) m/p-Xylenes	10.36	106	150910	36.279	ug/l	99
69) o-Xylene	10.69	106	74337	18.440	ug/l	100
70) Styrene	10.71	104	129513	18.638	ug/l	99
71) Bromoform	10.85	173	29702	17.867	ug/l #	98
73) Isopropylbenzene	11.02	105	196170	18.449	ug/l	99
74) N-amyl acetate	10.90	43	114576	18.315	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74102	18.324	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	64135m	18.196	ug/l	
77) Bromobenzene	11.26	156	46718	18.276	ug/l	99
78) n-propylbenzene	11.36	91	228199	18.432	ug/l	100
79) 2-Chlorotoluene	11.42	91	137853	18.399	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	167099	18.721	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21513	16.825	ug/l	92
82) 4-Chlorotoluene	11.51	91	157943	18.212	ug/l	100
83) tert-Butylbenzene	11.77	119	157657	18.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	167324	18.514	ug/l	99
85) sec-Butylbenzene	11.94	105	189967	18.625	ug/l	100
86) p-Isopropyltoluene	12.06	119	169478	18.512	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81796	17.874	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	82295	17.759	ug/l	99
89) n-Butylbenzene	12.38	91	153913	17.927	ug/l	99
90) Hexachloroethane	12.59	117	27440	18.071	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	83981	18.484	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16442	18.483	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55763	17.652	ug/l	98
94) Hexachlorobutadiene	13.78	225	28151	18.581	ug/l	98
95) Naphthalene	13.83	128	199307	18.877	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	59385	18.814	ug/l	98

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

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