

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008823.D
 Acq On : 10 Apr 2019 22:55
 Operator : JC/SP
 Sample : VX0410WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

Quant Time: Apr 11 12:41:33 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	162803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116595	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	5.50	113	85871	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	344894	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	125610	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28489	15.202	ug/l	100
3) Chloromethane	1.32	50	43324	17.775	ug/l	98
4) Vinyl Chloride	1.41	62	40351	15.928	ug/l	98
5) Bromomethane	1.64	94	23230	19.798	ug/l	99
6) Chloroethane	1.72	64	25416	16.332	ug/l	99
7) Trichlorofluoromethane	1.93	101	46983	16.778	ug/l	96
8) Diethyl Ether	2.18	74	22155	16.683	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29946	16.609	ug/l	98
10) Methyl Iodide	2.51	142	28142	19.769	ug/l	100
11) Tert butyl alcohol	3.04	59	53127	95.566	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31779	16.884	ug/l	96
13) Acrolein	2.29	56	35133	127.453	ug/l	99
14) Allyl chloride	2.73	41	75093	17.428	ug/l	97
15) Acrylonitrile	3.14	53	131999	89.629	ug/l	99
16) Acetone	2.44	43	113891	83.273	ug/l	97
17) Carbon Disulfide	2.57	76	87789	15.644	ug/l	100
18) Methyl Acetate	2.77	43	61045	18.403	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	124077	18.460	ug/l	100
20) Methylene Chloride	2.86	84	39339	17.184	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	33902	16.653	ug/l	98
22) Diisopropyl ether	3.85	45	148787	17.916	ug/l	93
23) Vinyl Acetate	3.81	43	653571	90.466	ug/l	99
24) 1,1-Dichloroethane	3.70	63	72539	17.642	ug/l	98
25) 2-Butanone	4.67	43	192272	88.946	ug/l	100
26) 2,2-Dichloropropane	4.58	77	43506	15.023	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40289	17.213	ug/l	99
28) Bromochloromethane	5.02	49	38727	20.779	ug/l	99
29) Tetrahydrofuran	5.13	42	128207	89.359	ug/l	100
30) Chloroform	5.21	83	66178	18.020	ug/l	96
31) Cyclohexane	5.58	56	68241	16.633	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	52165	17.578	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49565	16.683	ug/l	99
37) Ethyl Acetate	4.83	43	71556	18.044	ug/l	99
38) Carbon Tetrachloride	5.78	117	42513	17.289	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58587	15.963	ug/l	97
40) Benzene	6.14	78	156411	17.672	ug/l	98
41) Methacrylonitrile	5.04	41	41079	18.021	ug/l	99
42) 1,2-Dichloroethane	6.19	62	56242	17.725	ug/l	100
43) Isopropyl Acetate	6.45	43	113601	18.287	ug/l	99
44) Trichloroethene	7.21	130	36371	17.644	ug/l	95
45) 1,2-Dichloropropane	7.51	63	44533	17.628	ug/l	98
46) Dibromomethane	7.66	93	25358	17.307	ug/l	97
47) Bromodichloromethane	7.90	83	49205	17.811	ug/l	98
48) Methyl methacrylate	7.77	41	57602	18.331	ug/l	98
49) 1,4-Dioxane	7.74	88	22763	386.692	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	383326	95.856	ug/l	100
52) Toluene	8.78	92	93976	18.010	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53823	17.393	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	60974	17.244	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	38780	18.515	ug/l	97
56) Ethyl methacrylate	9.18	69	70344	18.562	ug/l	98
57) 1,3-Dichloropropane	9.37	76	67686	17.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	172830	89.313	ug/l	99
59) 2-Hexanone	9.49	43	294690	94.823	ug/l	100
60) Dibromochloromethane	9.58	129	35714	18.095	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38973	17.873	ug/l	98
64) Tetrachloroethene	9.34	164	32613	18.117	ug/l	99
65) Chlorobenzene	10.14	112	96436	17.905	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	34200	18.100	ug/l	100
67) Ethyl Benzene	10.25	91	178184	17.742	ug/l	99
68) m/p-Xylenes	10.36	106	129581	35.885	ug/l	99
69) o-Xylene	10.69	106	64222	18.352	ug/l	97
70) Styrene	10.71	104	110360	18.295	ug/l	100
71) Bromoform	10.85	173	26003	18.019	ug/l #	99
73) Isopropylbenzene	11.02	105	169642	17.853	ug/l	100
74) N-amyl acetate	10.90	43	101739	18.198	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	64348	17.806	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	55620m	17.658	ug/l	
77) Bromobenzene	11.26	156	41627	18.222	ug/l	97
78) n-propylbenzene	11.36	91	191558	17.313	ug/l	99
79) 2-Chlorotoluene	11.42	91	116385	17.382	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	142041	17.808	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18381	16.086	ug/l	94
82) 4-Chlorotoluene	11.51	91	134329	17.332	ug/l	99
83) tert-Butylbenzene	11.77	119	134044	17.467	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	143075	17.715	ug/l	100
85) sec-Butylbenzene	11.94	105	161045	17.668	ug/l	99
86) p-Isopropyltoluene	12.06	119	144751	17.693	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	71840	17.567	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	71785	17.335	ug/l	100
89) n-Butylbenzene	12.38	91	130399	16.995	ug/l	100
90) Hexachloroethane	12.60	117	23509	17.325	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	73397	18.076	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13756	17.303	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	50005	17.712	ug/l	98
94) Hexachlorobutadiene	13.78	225	24453	18.060	ug/l	98
95) Naphthalene	13.83	128	167043	17.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	50656	17.958	ug/l	99

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

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