

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007769.D
 Acq On : 28 Feb 2019 16:25
 Operator : JC/SP
 Sample : VX0228WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:21 AM

Quant Time: Mar 01 02:54:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	375509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168282	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	5.50	113	138240	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.71	98	515018	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	183568	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49647	18.638	ug/l	99
3) Chloromethane	1.33	50	54310	18.399	ug/l	99
4) Vinyl Chloride	1.41	62	58198	19.217	ug/l	99
5) Bromomethane	1.64	94	35957	17.849	ug/l	100
6) Chloroethane	1.73	64	37367	19.313	ug/l	99
7) Trichlorofluoromethane	1.93	101	84722	18.249	ug/l	98
8) Diethyl Ether	2.19	74	35045	18.393	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51127	18.220	ug/l	98
10) Methyl Iodide	2.51	142	68369	19.567	ug/l	99
11) Tert butyl alcohol	3.07	59	70535	103.789	ug/l	99
12) 1,1-Dichloroethene	2.38	96	48096	19.015	ug/l	95
13) Acrolein	2.30	56	39385	65.217	ug/l	100
14) Allyl chloride	2.73	41	97977	20.949	ug/l	94
15) Acrylonitrile	3.15	53	165316	103.367	ug/l	99
16) Acetone	2.45	43	166035	104.238	ug/l	100
17) Carbon Disulfide	2.57	76	127530	18.123	ug/l	99
18) Methyl Acetate	2.78	43	78134	22.480	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	169953	19.295	ug/l	97
20) Methylene Chloride	2.86	84	54390	18.492	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	50452	18.348	ug/l	90
22) Diisopropyl ether	3.87	45	199598	20.501	ug/l	95
23) Vinyl Acetate	3.82	43	858426	100.496	ug/l	97
24) 1,1-Dichloroethane	3.70	63	105001	19.844	ug/l	98
25) 2-Butanone	4.70	43	258912	106.709	ug/l	93
26) 2,2-Dichloropropane	4.59	77	78676	18.627	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63251	18.077	ug/l	92
28) Bromochloromethane	5.02	49	50790	19.717	ug/l	87
29) Tetrahydrofuran	5.15	42	160972	100.647	ug/l	94
30) Chloroform	5.21	83	105410	18.598	ug/l	100
31) Cyclohexane	5.58	56	95217	19.131	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	88227	18.822	ug/l	97
36) 1,1-Dichloropropene	5.80	75	78166	20.891	ug/l	97
37) Ethyl Acetate	4.85	43	92991	22.373	ug/l	100
38) Carbon Tetrachloride	5.79	117	76429	20.335	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92369	19.533	ug/l	92
40) Benzene	6.15	78	239560	20.741	ug/l	100
41) Methacrylonitrile	5.06	41	52082	23.467	ug/l	96
42) 1,2-Dichloroethane	6.20	62	85194	21.945	ug/l	100
43) Isopropyl Acetate	6.46	43	143062	22.365	ug/l	97
44) Trichloroethene	7.21	130	63642	20.030	ug/l	94
45) 1,2-Dichloropropane	7.51	63	64068	21.413	ug/l	100
46) Dibromomethane	7.66	93	40180	19.250	ug/l	98
47) Bromodichloromethane	7.90	83	75078	20.756	ug/l	99
48) Methyl methacrylate	7.77	41	76272	22.747	ug/l	92
49) 1,4-Dioxane	7.75	88	30220	417.279	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	479845	112.064	ug/l	99
52) Toluene	8.79	92	148732	20.421	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	80814	19.766	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	91206	20.778	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	62666	20.633	ug/l	98
56) Ethyl methacrylate	9.18	69	90157	20.874	ug/l	95
57) 1,3-Dichloropropane	9.37	76	102336	21.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	237056	99.529	ug/l	97
59) 2-Hexanone	9.49	43	370830	110.311	ug/l	98
60) Dibromochloromethane	9.58	129	60564	20.723	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65414	20.744	ug/l	99
64) Tetrachloroethene	9.34	164	64497	21.157	ug/l	98
65) Chlorobenzene	10.14	112	165179	20.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	60149	21.232	ug/l	99
67) Ethyl Benzene	10.25	91	273821	20.353	ug/l	100
68) m/p-Xylenes	10.36	106	210487	40.216	ug/l	96
69) o-Xylene	10.69	106	101255	20.113	ug/l	95
70) Styrene	10.71	104	166237	20.089	ug/l	99
71) Bromoform	10.85	173	46319	21.804	ug/l #	99
73) Isopropylbenzene	11.02	105	273258	20.079	ug/l	100
74) N-amyl acetate	10.90	43	121480	20.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93984	19.967	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	78672m	19.383	ug/l	
77) Bromobenzene	11.26	156	74547	21.839	ug/l	95
78) n-propylbenzene	11.36	91	306391	19.923	ug/l	97
79) 2-Chlorotoluene	11.42	91	185093	19.989	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	227321	20.307	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24956	18.495	ug/l	90
82) 4-Chlorotoluene	11.51	91	209954	19.382	ug/l	98
83) tert-Butylbenzene	11.77	119	222242	20.677	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	231780	20.242	ug/l	99
85) sec-Butylbenzene	11.94	105	271273	20.141	ug/l	99
86) p-Isopropyltoluene	12.06	119	241263	20.454	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127582	20.150	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	128888	19.876	ug/l	98
89) n-Butylbenzene	12.38	91	199320	18.948	ug/l	99
90) Hexachloroethane	12.60	117	37652	18.945	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	129324	20.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19426	18.941	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87409	22.603	ug/l	99
94) Hexachlorobutadiene	13.78	225	48633	27.491	ug/l	99
95) Naphthalene	13.83	128	256170	20.447	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	89100	22.947	ug/l	100

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

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