

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007766.D
 Acq On : 28 Feb 2019 15:05
 Operator : JC/SP
 Sample : VX0228WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:14 AM

Quant Time: Mar 01 02:50:02 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	301618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	397690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170222	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	5.50	113	140233	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.71	98	525762	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.13	95	187671	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47130	16.962	ug/l	97
3) Chloromethane	1.33	50	52582	17.078	ug/l	99
4) Vinyl Chloride	1.41	62	55455	17.555	ug/l	99
5) Bromomethane	1.64	94	33064	15.545	ug/l	98
6) Chloroethane	1.73	64	40784	20.208	ug/l	99
7) Trichlorofluoromethane	1.93	101	78358	16.181	ug/l	100
8) Diethyl Ether	2.19	74	33195	16.703	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45698	15.613	ug/l	98
10) Methyl Iodide	2.51	142	68318	18.745	ug/l	99
11) Tert butyl alcohol	3.07	59	70778	99.847	ug/l	99
12) 1,1-Dichloroethene	2.38	96	44696	16.941	ug/l	94
13) Acrolein	2.30	56	28835	45.776	ug/l	100
14) Allyl chloride	2.73	41	90640	18.580	ug/l	94
15) Acrylonitrile	3.15	53	157975	94.699	ug/l	99
16) Acetone	2.45	43	143386	86.302	ug/l	96
17) Carbon Disulfide	2.57	76	120218	16.378	ug/l	99
18) Methyl Acetate	2.78	43	72887	20.104	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	160293	17.447	ug/l	99
20) Methylene Chloride	2.86	84	51544	16.801	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	47263	16.478	ug/l	91
22) Diisopropyl ether	3.87	45	187501	18.464	ug/l	95
23) Vinyl Acetate	3.82	43	804624	90.308	ug/l	97
24) 1,1-Dichloroethane	3.70	63	98470	17.842	ug/l	98
25) 2-Butanone	4.70	43	240455	95.011	ug/l	95
26) 2,2-Dichloropropane	4.59	77	64997	14.753	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	58801	16.112	ug/l	92
28) Bromochloromethane	5.02	49	45400	16.897	ug/l	86
29) Tetrahydrofuran	5.15	42	156583	93.861	ug/l	93
30) Chloroform	5.21	83	98878	16.725	ug/l	99
31) Cyclohexane	5.57	56	87030	16.764	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	82275	16.828	ug/l	97
36) 1,1-Dichloropropene	5.80	75	72207	18.309	ug/l	97
37) Ethyl Acetate	4.85	43	88551	20.213	ug/l	100
38) Carbon Tetrachloride	5.78	117	71089	17.944	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	83892	16.831	ug/l	94
40) Benzene	6.14	78	223171	18.331	ug/l	100
41) Methacrylonitrile	5.06	41	49425	21.127	ug/l	95
42) 1,2-Dichloroethane	6.20	62	80193	19.598	ug/l	99
43) Isopropyl Acetate	6.46	43	134415	19.935	ug/l	97
44) Trichloroethene	7.21	130	60946	18.198	ug/l	99
45) 1,2-Dichloropropane	7.52	63	59999	19.025	ug/l	100
46) Dibromomethane	7.66	93	38461	17.481	ug/l	99
47) Bromodichloromethane	7.90	83	70062	18.376	ug/l	99
48) Methyl methacrylate	7.77	41	72464	20.503	ug/l	92
49) 1,4-Dioxane	7.75	88	29387	384.970	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	463152	102.619	ug/l	98
52) Toluene	8.78	92	139723	18.200	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	74595	17.658	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	82772	17.889	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	57481	17.955	ug/l	99
56) Ethyl methacrylate	9.18	69	85512	18.783	ug/l	95
57) 1,3-Dichloropropane	9.37	76	97040	18.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	251213	100.065	ug/l	97
59) 2-Hexanone	9.49	43	351813	99.288	ug/l	98
60) Dibromochloromethane	9.59	129	56552	18.358	ug/l	98
61) 1,2-Dibromoethane	9.67	107	60334	18.152	ug/l	99
64) Tetrachloroethene	9.34	164	61988	19.200	ug/l	98
65) Chlorobenzene	10.14	112	155120	18.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54879	18.291	ug/l	99
67) Ethyl Benzene	10.25	91	261373	18.344	ug/l	99
68) m/p-Xylenes	10.36	106	199902	36.063	ug/l	98
69) o-Xylene	10.69	106	96080	18.020	ug/l	95
70) Styrene	10.71	104	157476	17.969	ug/l	99
71) Bromoform	10.85	173	43290	19.241	ug/l #	99
73) Isopropylbenzene	11.02	105	258343	18.071	ug/l	99
74) N-amyl acetate	10.90	43	115826	18.657	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87044	17.604	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74205m	17.404	ug/l	
77) Bromobenzene	11.26	156	70403	19.634	ug/l	94
78) n-propylbenzene	11.36	91	285338	17.662	ug/l	98
79) 2-Chlorotoluene	11.42	91	172220	17.705	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	212910	18.105	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	21960	15.980	ug/l	91
82) 4-Chlorotoluene	11.51	91	200578	17.626	ug/l	97
83) tert-Butylbenzene	11.77	119	208171	18.437	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	217158	18.053	ug/l	98
85) sec-Butylbenzene	11.94	105	251115	17.748	ug/l	99
86) p-Isopropyltoluene	12.06	119	223938	18.073	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121527	18.271	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	123713	18.161	ug/l	98
89) n-Butylbenzene	12.39	91	182329	16.500	ug/l	99
90) Hexachloroethane	12.60	117	35074	16.800	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	122677	18.433	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18293	16.979	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	80859	19.904	ug/l	100
94) Hexachlorobutadiene	13.78	225	44460	23.924	ug/l	99
95) Naphthalene	13.83	128	241405	18.342	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	82594	20.249	ug/l	99

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

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