

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007790.D
 Acq On : 01 Mar 2019 15:27
 Operator : JC/SP
 Sample : VX0301WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 1:36:23 PM

Quant Time: Mar 01 22:54:54 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	302249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	391762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197416	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173523	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.51	113	147534	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	8.71	98	554313	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.13	95	197888	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46918	16.851	ug/l	99
3) Chloromethane	1.33	50	56158	18.201	ug/l	99
4) Vinyl Chloride	1.41	62	57000	18.007	ug/l	100
5) Bromomethane	1.64	94	34606	16.308	ug/l	98
6) Chloroethane	1.73	64	37454	18.520	ug/l	99
7) Trichlorofluoromethane	1.93	101	80631	16.616	ug/l	98
8) Diethyl Ether	2.19	74	35138	17.643	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49004	16.708	ug/l	98
10) Methyl Iodide	2.51	142	68314	18.705	ug/l	100
11) Tert butyl alcohol	3.07	59	69125	97.311	ug/l	99
12) 1,1-Dichloroethene	2.38	96	46104	17.438	ug/l	92
13) Acrolein	2.30	56	75452	119.532	ug/l	98
14) Allyl chloride	2.73	41	96644	19.770	ug/l	92
15) Acrylonitrile	3.15	53	164925	98.659	ug/l	100
16) Acetone	2.45	43	152010	91.302	ug/l	99
17) Carbon Disulfide	2.57	76	121577	16.529	ug/l	99
18) Methyl Acetate	2.78	43	78435	21.589	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	169594	18.421	ug/l	99
20) Methylene Chloride	2.86	84	53740	17.480	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	50220	17.473	ug/l	89
22) Diisopropyl ether	3.87	45	195099	19.172	ug/l	94
23) Vinyl Acetate	3.82	43	834280	93.441	ug/l	98
24) 1,1-Dichloroethane	3.70	63	102775	18.583	ug/l	98
25) 2-Butanone	4.70	43	247640	97.646	ug/l	96
26) 2,2-Dichloropropane	4.59	77	72059	16.322	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	61995	16.952	ug/l	93
28) Bromochloromethane	5.02	49	50027	18.580	ug/l	85
29) Tetrahydrofuran	5.15	42	161736	96.748	ug/l	93
30) Chloroform	5.21	83	101772	17.179	ug/l	99
31) Cyclohexane	5.57	56	91414	17.572	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	84243	17.194	ug/l	97
36) 1,1-Dichloropropene	5.80	75	73450	18.666	ug/l	97
37) Ethyl Acetate	4.85	43	90608	20.729	ug/l	100
38) Carbon Tetrachloride	5.79	117	71406	18.065	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89034	17.903	ug/l	94
40) Benzene	6.14	78	234892	19.338	ug/l	99
41) Methacrylonitrile	5.06	41	52384	22.443	ug/l	93
42) 1,2-Dichloroethane	6.20	62	79068	19.367	ug/l	99
43) Isopropyl Acetate	6.46	43	138479	20.584	ug/l	99
44) Trichloroethene	7.21	130	62880	18.818	ug/l	99
45) 1,2-Dichloropropane	7.52	63	62697	19.926	ug/l	98
46) Dibromomethane	7.66	93	39053	17.791	ug/l	99
47) Bromodichloromethane	7.90	83	70258	18.469	ug/l	99
48) Methyl methacrylate	7.77	41	73104	20.731	ug/l	92
49) 1,4-Dioxane	7.75	88	29317	384.922	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	466551	103.606	ug/l	99
52) Toluene	8.79	92	144000	18.800	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	78068	18.385	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86844	18.812	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	59857	18.740	ug/l	98
56) Ethyl methacrylate	9.18	69	89396	19.681	ug/l	95
57) 1,3-Dichloropropane	9.37	76	100533	19.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	245333	97.944	ug/l	97
59) 2-Hexanone	9.49	43	355060	100.431	ug/l	99
60) Dibromochloromethane	9.58	129	56775	18.472	ug/l	98
61) 1,2-Dibromoethane	9.67	107	61967	18.685	ug/l	99
64) Tetrachloroethene	9.34	164	65412	20.567	ug/l	98
65) Chlorobenzene	10.13	112	159172	18.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56829	19.228	ug/l	99
67) Ethyl Benzene	10.25	91	263434	18.768	ug/l	100
68) m/p-Xylenes	10.36	106	202142	37.019	ug/l	97
69) o-Xylene	10.70	106	98804	18.812	ug/l	96
70) Styrene	10.71	104	162172	18.785	ug/l	100
71) Bromoform	10.86	173	43917	19.815	ug/l #	100
73) Isopropylbenzene	11.02	105	265066	18.786	ug/l	100
74) N-amyl acetate	10.90	43	117287	19.142	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90139	18.471	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	86728m	20.610	ug/l	
77) Bromobenzene	11.26	156	71886	20.313	ug/l	95
78) n-propylbenzene	11.36	91	292549	18.349	ug/l	98
79) 2-Chlorotoluene	11.42	91	178518	18.595	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	217434	18.735	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23758	17.228	ug/l	93
82) 4-Chlorotoluene	11.51	91	203345	18.106	ug/l	98
83) tert-Butylbenzene	11.77	119	211797	19.007	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	222261	18.722	ug/l	99
85) sec-Butylbenzene	11.94	105	260051	18.623	ug/l	99
86) p-Isopropyltoluene	12.06	119	230291	18.832	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	123718	18.847	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125500	18.667	ug/l	99
89) n-Butylbenzene	12.38	91	189717	17.396	ug/l	99
90) Hexachloroethane	12.60	117	35017	16.994	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	125050	19.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18123	17.044	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85412	21.304	ug/l	99
94) Hexachlorobutadiene	13.78	225	46286	25.236	ug/l	98
95) Naphthalene	13.83	128	257157	19.797	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86143	21.398	ug/l	99

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

