

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080918\
 Data File : VX003947.D
 Acq On : 09 Aug 2018 13:43
 Operator : JC/MD
 Sample : VX0809WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:56:23 AM

Quant Time: Aug 10 01:48:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	345263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	505265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	473844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218987	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	5.50	113	180973	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.72	98	698893	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	252917	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67079	19.17	ug/l	99
3) Chloromethane	1.32	50	82063	17.24	ug/l	98
4) Vinyl Chloride	1.40	62	87162	18.36	ug/l	98
5) Bromomethane	1.64	94	50494	17.44	ug/l	99
6) Chloroethane	1.72	64	74308	24.47	ug/l	97
7) Trichlorofluoromethane	1.93	101	122339	19.52	ug/l	98
8) Diethyl Ether	2.19	74	55279	19.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76407	19.50	ug/l	99
10) Methyl Iodide	2.51	142	71553	14.68	ug/l	100
11) Tert butyl alcohol	3.07	59	107526	97.77	ug/l	99
12) 1,1-Dichloroethene	2.37	96	71514	19.30	ug/l	98
13) Acrolein	2.29	56	50712	85.25	ug/l	98
14) Allyl chloride	2.73	41	136862	19.16	ug/l	99
15) Acrylonitrile	3.15	53	254033	96.80	ug/l	99
16) Acetone	2.45	43	259454	95.29	ug/l	100
17) Carbon Disulfide	2.57	76	190556	18.42	ug/l	100
18) Methyl Acetate	2.78	43	120070	20.25	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	262830	20.02	ug/l	98
20) Methylene Chloride	2.86	84	85309	18.74	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	80281	19.08	ug/l	97
22) Diisopropyl ether	3.87	45	254387	19.37	ug/l	99
23) Vinyl Acetate	3.82	43	1060398	97.05	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152101	19.50	ug/l	99
25) 2-Butanone	4.71	43	402176	98.24	ug/l	98
26) 2,2-Dichloropropane	4.58	77	106764	18.98	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	89083	19.51	ug/l	99
28) Bromochloromethane	5.02	49	63821	19.12	ug/l	98
29) Tetrahydrofuran	5.17	42	204359	97.12	ug/l	100
30) Chloroform	5.21	83	146785	19.99	ug/l	100
31) Cyclohexane	5.57	56	126091	19.11	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	123203	20.01	ug/l	99
36) 1,1-Dichloropropene	5.80	75	108096	19.10	ug/l	99
37) Ethyl Acetate	4.86	43	119969	19.27	ug/l	99
38) Carbon Tetrachloride	5.78	117	104753	19.45	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125177	18.76	ug/l	98
40) Benzene	6.15	78	333943	19.65	ug/l	99
41) Methacrylonitrile	5.06	41	66815	19.49	ug/l	99
42) 1,2-Dichloroethane	6.20	62	115473	20.10	ug/l	100
43) Isopropyl Acetate	6.47	43	181807	19.41	ug/l	100
44) Trichloroethene	7.21	130	89770	19.32	ug/l	94
45) 1,2-Dichloropropane	7.52	63	84984	19.37	ug/l	99
46) Dibromomethane	7.67	93	55783	19.58	ug/l	100
47) Bromodichloromethane	7.90	83	104834	19.53	ug/l	98
48) Methyl methacrylate	7.78	41	92634	19.45	ug/l	99
49) 1,4-Dioxane	7.76	88	44351	395.37	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	783746	100.94	ug/l	100
52) Toluene	8.79	92	213887	19.92	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	112965	18.62	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	127327	19.47	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	84855	19.34	ug/l	99
56) Ethyl methacrylate	9.18	69	121332	19.06	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145498	19.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	306197	97.82	ug/l	100
59) 2-Hexanone	9.50	43	592241	102.04	ug/l	100
60) Dibromochloromethane	9.59	129	81310	19.88	ug/l	99
61) 1,2-Dibromoethane	9.68	107	87708	19.97	ug/l	100
64) Tetrachloroethene	9.34	164	84517	18.13	ug/l	94
65) Chlorobenzene	10.14	112	234992	19.06	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	82634	19.50	ug/l	99
67) Ethyl Benzene	10.26	91	395943	19.62	ug/l	100
68) m/p-Xylenes	10.36	106	313924	39.81	ug/l	96
69) o-Xylene	10.70	106	150126	20.17	ug/l	96
70) Styrene	10.71	104	245313	20.13	ug/l	99
71) Bromoform	10.86	173	61013	18.90	ug/l #	99
73) Isopropylbenzene	11.02	105	398369	20.34	ug/l	97
74) N-amyl acetate	6.47	43	181807	17.85	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	132186	19.69	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	117773m	20.14	ug/l	
77) Bromobenzene	11.26	156	103921	19.89	ug/l	100
78) n-propylbenzene	11.36	91	449082	20.42	ug/l	99
79) 2-Chlorotoluene	11.42	91	270818	20.20	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	325620	20.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	34321	17.48	ug/l	96
82) 4-Chlorotoluene	11.51	91	315027	20.06	ug/l	99
83) tert-Butylbenzene	11.77	119	327001	20.82	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	342027	21.30	ug/l	100
85) sec-Butylbenzene	11.95	105	385291	20.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	340867	20.49	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	191137	19.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	187737	20.11	ug/l	98
89) n-Butylbenzene	12.39	91	251550	17.35	ug/l	99
90) Hexachloroethane	12.60	117	45102	16.70	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	170150	17.78	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23883	17.37	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129047	18.74	ug/l	100
94) Hexachlorobutadiene	13.79	225	62086	20.70	ug/l	99
95) Naphthalene	13.83	128	416059	21.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	139559	20.31	ug/l	100

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

