

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005472.D
 Acq On : 22 Oct 2018 16:06
 Operator : JC/MD
 Sample : VX1022WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/23/2018 1:27:59 PM

Quant Time: Oct 23 02:06:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	136359	56.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.94%	
35) Dibromofluoromethane	5.51	113	107372	52.30	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	8.71	98	375755	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.14	95	139424	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36025	21.363	ug/l	99
3) Chloromethane	1.32	50	49741	20.357	ug/l	99
4) Vinyl Chloride	1.40	62	46312	18.710	ug/l	97
5) Bromomethane	1.64	94	30181	21.921	ug/l	87
6) Chloroethane	1.72	64	32805	21.397	ug/l	96
7) Trichlorofluoromethane	1.93	101	69668	21.091	ug/l	85
8) Diethyl Ether	2.19	74	28375	20.116	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38517	20.203	ug/l	95
10) Methyl Iodide	2.51	142	44958	22.925	ug/l	96
11) Tert butyl alcohol	3.07	59	78895	116.844	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37861	20.043	ug/l	94
13) Acrolein	2.29	56	32718	74.416	ug/l	94
14) Allyl chloride	2.73	41	89091	21.482	ug/l	95
15) Acrylonitrile	3.15	53	163465	106.834	ug/l	98
16) Acetone	2.45	43	159904	115.539	ug/l	93
17) Carbon Disulfide	2.57	76	100347	17.536	ug/l	99
18) Methyl Acetate	2.78	43	100361	25.489	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	145329	21.845	ug/l	99
20) Methylene Chloride	2.85	84	45225	21.685	ug/l #	94
21) trans-1,2-Dichloroethene	3.16	96	41153	19.659	ug/l	96
22) Diisopropyl ether	3.87	45	151306	21.721	ug/l #	81
23) Vinyl Acetate	3.83	43	659949	108.395	ug/l	96
24) 1,1-Dichloroethane	3.70	63	88164	22.084	ug/l	96
25) 2-Butanone	4.71	43	231066	114.110	ug/l #	89
26) 2,2-Dichloropropane	4.59	77	66333	22.217	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45646	20.064	ug/l	93
28) Bromochloromethane	5.02	49	44191	24.282	ug/l	90
29) Tetrahydrofuran	5.16	42	139705	108.160	ug/l	93
30) Chloroform	5.21	83	83697	22.587	ug/l	88
31) Cyclohexane	5.58	56	64875	19.716	ug/l #	83
32) 1,1,1-Trichloroethane	5.49	97	70281	21.798	ug/l	99
36) 1,1-Dichloropropene	5.80	75	57939	19.302	ug/l	97
37) Ethyl Acetate	4.86	43	79047	20.476	ug/l	99
38) Carbon Tetrachloride	5.78	117	59368	19.683	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	57378	17.661	ug/l	94
40) Benzene	6.15	78	176002	19.545	ug/l	99
41) Methacrylonitrile	5.05	41	44712	21.604	ug/l	97
42) 1,2-Dichloroethane	6.20	62	65852	20.711	ug/l	97
43) Isopropyl Acetate	6.46	43	115972	22.552	ug/l	97
44) Trichloroethene	7.21	130	44847	19.121	ug/l	99
45) 1,2-Dichloropropane	7.52	63	46580	21.088	ug/l	99
46) Dibromomethane	7.66	93	29285	20.088	ug/l	98
47) Bromodichloromethane	7.90	83	58220	21.590	ug/l	97
48) Methyl methacrylate	7.77	41	57326	21.494	ug/l	95
49) 1,4-Dioxane	7.75	88	25602	416.184	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	404899	113.715	ug/l	93
52) Toluene	8.79	92	104880	21.289	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	63587	21.789	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	68754	21.743	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	45543	21.826	ug/l	97
56) Ethyl methacrylate	9.18	69	65516	21.538	ug/l	93
57) 1,3-Dichloropropane	9.37	76	75561	21.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	192950	113.105	ug/l	94
59) 2-Hexanone	9.49	43	319357	111.499	ug/l	92
60) Dibromochloromethane	9.59	129	47284	21.923	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46388	21.183	ug/l	100
64) Tetrachloroethene	9.34	164	45626	19.837	ug/l	98
65) Chlorobenzene	10.14	112	119656	19.689	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	44822	20.696	ug/l	98
67) Ethyl Benzene	10.26	91	196449	19.884	ug/l	98
68) m/p-Xylenes	10.36	106	152786	39.843	ug/l	93
69) o-Xylene	10.70	106	72801	19.685	ug/l	93
70) Styrene	10.71	104	123776	20.348	ug/l	96
71) Bromoform	10.86	173	37965	19.617	ug/l #	99
73) Isopropylbenzene	11.02	105	203612	21.337	ug/l	99
74) N-amyl acetate	10.90	43	98035	21.300	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	74466	20.686	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	70509m	22.645	ug/l	
77) Bromobenzene	11.26	156	55770	20.440	ug/l	98
78) n-propylbenzene	11.36	91	234660	21.370	ug/l	99
79) 2-Chlorotoluene	11.42	91	140468	20.887	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	171346	20.968	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	20852	20.348	ug/l	99
82) 4-Chlorotoluene	11.51	91	165944	20.815	ug/l	99
83) tert-Butylbenzene	11.77	119	170442	20.597	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	178714	21.251	ug/l	97
85) sec-Butylbenzene	11.94	105	205802	21.015	ug/l	99
86) p-Isopropyltoluene	12.07	119	184585	20.854	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	102259	20.057	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	102756	19.701	ug/l	99
89) n-Butylbenzene	12.39	91	158195	19.684	ug/l	97
90) Hexachloroethane	12.60	117	29919	19.613	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	101877	19.581	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17652	20.103	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	74810	19.598	ug/l	99
94) Hexachlorobutadiene	13.79	225	37973	18.835	ug/l	97
95) Naphthalene	13.83	128	229326	20.715	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	77694	19.892	ug/l	99

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

