

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006048.D
 Acq On : 16 Nov 2018 14:28
 Operator : JC/MD
 Sample : VX1116WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 12:22:39 PM

Quant Time: Nov 17 01:31:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	125280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	174978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	164668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	65334	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	5.50	113	54676	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
50) Toluene-d8	8.71	98	200326	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.13	95	68827	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	19124	16.931	ug/l	98
3) Chloromethane	1.32	50	23648	15.953	ug/l	92
4) Vinyl Chloride	1.40	62	25474	17.118	ug/l	99
5) Bromomethane	1.64	94	9419	10.343	ug/l	98
6) Chloroethane	1.72	64	16737	18.849	ug/l	92
7) Trichlorofluoromethane	1.93	101	35879	18.163	ug/l	95
8) Diethyl Ether	2.19	74	15099	19.507	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	21545	18.964	ug/l	97
10) Methyl Iodide	2.51	142	12386	8.995	ug/l	97
11) Tert butyl alcohol	3.07	59	37733	91.455	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19905	17.976	ug/l	91
13) Acrolein	2.29	56	12251	76.665	ug/l	93
14) Allyl chloride	2.73	41	45543	18.415	ug/l	99
15) Acrylonitrile	3.15	53	89579	104.767	ug/l	95
16) Acetone	2.45	43	83905	108.199	ug/l	99
17) Carbon Disulfide	2.57	76	51187	15.497	ug/l	100
18) Methyl Acetate	2.78	43	44643	20.610	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	77590	20.530	ug/l	96
20) Methylene Chloride	2.86	84	23793	18.678	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	22335	19.123	ug/l	98
22) Diisopropyl ether	3.87	45	84686	19.547	ug/l #	94
23) Vinyl Acetate	3.82	43	326059	87.777	ug/l	100
24) 1,1-Dichloroethane	3.70	63	45952	19.881	ug/l	99
25) 2-Butanone	4.70	43	125467	102.912	ug/l	95
26) 2,2-Dichloropropane	4.59	77	31361	18.496	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	25488	19.763	ug/l	97
28) Bromochloromethane	5.01	49	21448	20.763	ug/l	94
29) Tetrahydrofuran	5.15	42	77414	98.894	ug/l	97
30) Chloroform	5.21	83	43633	19.566	ug/l	100
31) Cyclohexane	5.57	56	35241	17.564	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	35328	18.993	ug/l	100
36) 1,1-Dichloropropene	5.80	75	31233	18.516	ug/l	98
37) Ethyl Acetate	4.85	43	43609	19.659	ug/l	99
38) Carbon Tetrachloride	5.78	117	30820	18.251	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	28374	16.596	ug/l	94
40) Benzene	6.14	78	102158	20.774	ug/l	98
41) Methacrylonitrile	5.06	41	23060	19.239	ug/l	97
42) 1,2-Dichloroethane	6.20	62	33897	19.245	ug/l	99
43) Isopropyl Acetate	6.45	43	62754	19.524	ug/l	97
44) Trichloroethene	7.22	130	23085	18.485	ug/l	83
45) 1,2-Dichloropropane	7.52	63	22646	18.973	ug/l	98
46) Dibromomethane	7.66	93	14031	18.734	ug/l	93
47) Bromodichloromethane	7.90	83	27250	19.252	ug/l	99
48) Methyl methacrylate	7.77	41	27682	19.180	ug/l	99
49) 1,4-Dioxane	7.75	88	12224	393.056	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	204387	100.895	ug/l	99
52) Toluene	8.78	92	57737	21.008	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	31442	18.823	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	33273	19.543	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	26229	21.414	ug/l	96
56) Ethyl methacrylate	9.18	69	37761	20.604	ug/l	97
57) 1,3-Dichloropropane	9.37	76	42344	20.572	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	98113	103.271	ug/l	99
59) 2-Hexanone	9.49	43	185937	104.132	ug/l	96
60) Dibromochloromethane	9.59	129	26084	19.705	ug/l	98
61) 1,2-Dibromoethane	9.67	107	28231	20.844	ug/l	99
64) Tetrachloroethene	9.34	164	30081	21.456	ug/l	89
65) Chlorobenzene	10.14	112	73426	22.258	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	22982	20.039	ug/l	97
67) Ethyl Benzene	10.25	91	109962	20.788	ug/l	92
68) m/p-Xylenes	10.36	106	87911	43.570	ug/l	90
69) o-Xylene	10.70	106	39481	21.821	ug/l	99
70) Styrene	10.71	104	67069	22.471	ug/l	98
71) Bromoform	10.85	173	19241	20.014	ug/l #	98
73) Isopropylbenzene	11.02	105	108652	24.853	ug/l	100
74) N-amyl acetate	10.90	43	51626	21.771	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	34701	21.626	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	33637m	21.852	ug/l	
77) Bromobenzene	11.26	156	26367	21.398	ug/l	99
78) n-propylbenzene	11.36	91	112784	21.890	ug/l	99
79) 2-Chlorotoluene	11.42	91	68116	21.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	82328	22.160	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	10668	22.088	ug/l	98
82) 4-Chlorotoluene	11.51	91	79833	21.752	ug/l	100
83) tert-Butylbenzene	11.77	119	77551	20.634	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	85425	20.766	ug/l	100
85) sec-Butylbenzene	11.94	105	99156	21.574	ug/l	99
86) p-Isopropyltoluene	12.07	119	87760	21.557	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	48679	20.585	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	49057	20.264	ug/l	99
89) n-Butylbenzene	12.39	91	74682	19.793	ug/l	99
90) Hexachloroethane	12.60	117	14254	20.971	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	48704	20.559	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8142	20.793	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	35985	21.577	ug/l	99
94) Hexachlorobutadiene	13.79	225	16836	19.218	ug/l	99
95) Naphthalene	13.83	128	110724	21.056	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	36631	21.560	ug/l	100

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

