

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
 Data File : VX006826.D
 Acq On : 26 Dec 2018 18:42
 Operator : JC/MD
 Sample : VX1226WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 9:40:32 AM

Quant Time: Dec 27 04:44:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	587110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	881066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	770250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	372309	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	307589	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.50	113	274580	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	996904	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.13	95	356314	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94838	17.657	ug/l	97
3) Chloromethane	1.33	50	103637	17.910	ug/l	96
4) Vinyl Chloride	1.41	62	110549	18.292	ug/l	96
5) Bromomethane	1.64	94	73148	11.494	ug/l	96
6) Chloroethane	1.72	64	76545	18.292	ug/l	98
7) Trichlorofluoromethane	1.93	101	171908	18.245	ug/l	96
8) Diethyl Ether	2.19	74	72527	19.380	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99633	18.009	ug/l	98
10) Methyl Iodide	2.51	142	80578	10.175	ug/l	98
11) Tert butyl alcohol	3.07	59	137506	97.373	ug/l	98
12) 1,1-Dichloroethene	2.38	96	95146	18.138	ug/l	98
13) Acrolein	2.29	56	83737	87.899	ug/l	96
14) Allyl chloride	2.73	41	164989	18.686	ug/l	98
15) Acrylonitrile	3.15	53	313521	99.993	ug/l	99
16) Acetone	2.45	43	259407	89.232	ug/l	99
17) Carbon Disulfide	2.57	76	197010	14.192	ug/l	97
18) Methyl Acetate	2.78	43	191654	22.420	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	363376	20.871	ug/l	98
20) Methylene Chloride	2.86	84	116226	19.334	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	102591	17.651	ug/l	96
22) Diisopropyl ether	3.87	45	333224	20.629	ug/l	97
23) Vinyl Acetate	3.82	43	1300911	98.457	ug/l	100
24) 1,1-Dichloroethane	3.70	63	178757	18.538	ug/l	99
25) 2-Butanone	4.70	43	392179	95.906	ug/l	100
26) 2,2-Dichloropropane	4.58	77	118477	15.906	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	122010	19.026	ug/l	98
28) Bromochloromethane	5.02	49	90120	21.099	ug/l	98
29) Tetrahydrofuran	5.15	42	262974	97.641	ug/l	98
30) Chloroform	5.21	83	187741	18.801	ug/l	99
31) Cyclohexane	5.57	56	138833	15.848	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	149224	17.698	ug/l	97
36) 1,1-Dichloropropene	5.80	75	132535	18.162	ug/l	98
37) Ethyl Acetate	4.85	43	155187	20.432	ug/l	98
38) Carbon Tetrachloride	5.79	117	124241	17.519	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	142156	14.797	ug/l	97
40) Benzene	6.14	78	419938	18.932	ug/l	97
41) Methacrylonitrile	5.06	41	89612	22.223	ug/l	98
42) 1,2-Dichloroethane	6.20	62	149054	19.720	ug/l	100
43) Isopropyl Acetate	6.46	43	246072	21.293	ug/l	98
44) Trichloroethene	7.21	130	118330	17.625	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106436	19.718	ug/l	100
46) Dibromomethane	7.66	93	74491	18.762	ug/l	97
47) Bromodichloromethane	7.90	83	119142	18.075	ug/l	97
48) Methyl methacrylate	7.77	41	123616	21.035	ug/l	97
49) 1,4-Dioxane	7.75	88	53223	332.878	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	786371	106.947	ug/l	99
52) Toluene	8.79	92	261028	18.215	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	127054	17.972	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	146655	18.906	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	115473	19.687	ug/l	98
56) Ethyl methacrylate	9.18	69	174749	21.079	ug/l	97
57) 1,3-Dichloropropane	9.37	76	186327	19.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	450449	102.217	ug/l	99
59) 2-Hexanone	9.49	43	590495	104.961	ug/l	100
60) Dibromochloromethane	9.59	129	98439	17.625	ug/l	98
61) 1,2-Dibromoethane	9.67	107	118492	19.004	ug/l	98
64) Tetrachloroethene	9.34	164	107777	17.671	ug/l	95
65) Chlorobenzene	10.14	112	309641	19.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98852	19.443	ug/l	97
67) Ethyl Benzene	10.25	91	491029	18.441	ug/l	98
68) m/p-Xylenes	10.36	106	383405	36.490	ug/l	99
69) o-Xylene	10.69	106	191783	18.484	ug/l	98
70) Styrene	10.71	104	313622	19.106	ug/l	99
71) Bromoform	10.85	173	72299	18.819	ug/l	96
73) Isopropylbenzene	11.02	105	481955	18.922	ug/l	99
74) N-amyl acetate	10.90	43	219849	24.114	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	170695	22.534	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	157082m	22.703	ug/l	
77) Bromobenzene	11.26	156	137971	20.036	ug/l	99
78) n-propylbenzene	11.36	91	521220	18.583	ug/l	99
79) 2-Chlorotoluene	11.42	91	319016	18.769	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	380699	18.147	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34722	18.212	ug/l #	83
82) 4-Chlorotoluene	11.51	91	374569	19.211	ug/l	100
83) tert-Butylbenzene	11.77	119	381011	18.146	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	397364	18.008	ug/l	99
85) sec-Butylbenzene	11.94	105	453236	17.606	ug/l	99
86) p-Isopropyltoluene	12.06	119	397818	17.580	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233147	18.786	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	235100	18.479	ug/l	99
89) n-Butylbenzene	12.39	91	335438	17.418	ug/l	99
90) Hexachloroethane	12.60	117	49516	16.354	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	236440	19.045	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29436	18.781	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	144330	16.854	ug/l	99
94) Hexachlorobutadiene	13.78	225	65373	16.196	ug/l	99
95) Naphthalene	13.83	128	435989	15.952	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141965	16.056	ug/l	98

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

