

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008514.D
 Acq On : 28 Mar 2019 13:07
 Operator : JC/SP
 Sample : VX0328WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/29/2019 10:51:46 AM

Quant Time: Mar 29 02:09:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128672	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	146194	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	5.50	113	106966	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	8.71	98	430732	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.13	95	158243	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	35739	16.453	ug/l 99
3) Chloromethane	1.32	50	52467	18.737	ug/l 99
4) Vinyl Chloride	1.40	62	51189	16.878	ug/l 98
5) Bromomethane	1.64	94	27749	18.610	ug/l 99
6) Chloroethane	1.72	64	32736	18.220	ug/l 100
7) Trichlorofluoromethane	1.93	101	58169	16.934	ug/l 97
8) Diethyl Ether	2.18	74	28240	17.372	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36495	17.580	ug/l 98
10) Methyl Iodide	2.51	142	38524	21.626	ug/l 100
11) Tert butyl alcohol	3.04	59	61576	99.479	ug/l 99
12) 1,1-Dichloroethene	2.37	96	37733	17.600	ug/l 94
13) Acrolein	2.29	56	35906	79.879	ug/l 100
14) Allyl chloride	2.73	41	85933	18.193	ug/l 98
15) Acrylonitrile	3.14	53	150406	92.666	ug/l 100
16) Acetone	2.44	43	136190	93.269	ug/l 99
17) Carbon Disulfide	2.57	76	106975	17.139	ug/l 100
18) Methyl Acetate	2.77	43	65919	18.797	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	144419	18.693	ug/l 100
20) Methylene Chloride	2.85	84	46796	19.243	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	40446	18.763	ug/l 96
22) Diisopropyl ether	3.85	45	172223	18.518	ug/l 99
23) Vinyl Acetate	3.81	43	762532	93.976	ug/l 100
24) 1,1-Dichloroethane	3.70	63	86160	18.350	ug/l 98
25) 2-Butanone	4.67	43	222242	94.937	ug/l 99
26) 2,2-Dichloropropane	4.59	77	56883	18.214	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	47536	18.132	ug/l 99
28) Bromochloromethane	5.01	49	44208	19.057	ug/l 98
29) Tetrahydrofuran	5.13	42	144998	93.980	ug/l 99
30) Chloroform	5.21	83	77624	18.319	ug/l 97
31) Cyclohexane	5.58	56	81000	18.088	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	61429	18.136	ug/l 99
36) 1,1-Dichloropropene	5.80	75	58744	17.502	ug/l 99
37) Ethyl Acetate	4.84	43	82389	18.948	ug/l 98
38) Carbon Tetrachloride	5.79	117	51082	18.237	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71508	17.828	ug/l	99
40) Benzene	6.14	78	183551	18.267	ug/l	97
41) Methacrylonitrile	5.04	41	46633	19.085	ug/l	100
42) 1,2-Dichloroethane	6.19	62	66313	18.025	ug/l	100
43) Isopropyl Acetate	6.45	43	129935	18.683	ug/l	99
44) Trichloroethene	7.21	130	41924	17.770	ug/l	98
45) 1,2-Dichloropropane	7.51	63	52785	18.482	ug/l	99
46) Dibromomethane	7.66	93	30197	18.106	ug/l	99
47) Bromodichloromethane	7.90	83	57042	17.869	ug/l	100
48) Methyl methacrylate	7.77	41	65393	18.792	ug/l	98
49) 1,4-Dioxane	7.74	88	27461	396.882	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	431689	95.566	ug/l	100
52) Toluene	8.78	92	110652	18.418	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	63217	18.080	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	71685	18.030	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45315	18.529	ug/l	98
56) Ethyl methacrylate	9.18	69	81811	18.532	ug/l	99
57) 1,3-Dichloropropane	9.37	76	81537	18.595	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	223509	97.945	ug/l	100
59) 2-Hexanone	9.49	43	337292	96.365	ug/l	99
60) Dibromochloromethane	9.58	129	41399	17.799	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45700	18.310	ug/l	99
64) Tetrachloroethene	9.34	164	34400	18.259	ug/l	99
65) Chlorobenzene	10.13	112	112047	18.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38878	18.620	ug/l	99
67) Ethyl Benzene	10.25	91	212731	18.625	ug/l	98
68) m/p-Xylenes	10.36	106	152164	36.621	ug/l	100
69) o-Xylene	10.70	106	75596	18.748	ug/l	99
70) Styrene	10.71	104	130147	18.686	ug/l	100
71) Bromoform	10.85	173	28846	17.494	ug/l #	99
73) Isopropylbenzene	11.02	105	200796	19.182	ug/l	100
74) N-amyl acetate	10.90	43	117794	19.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	75977	18.706	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	64963m	16.982	ug/l	
77) Bromobenzene	11.26	156	47302	18.618	ug/l	99
78) n-propylbenzene	11.36	91	231831	18.905	ug/l	100
79) 2-Chlorotoluene	11.42	91	139491	18.702	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	167659	18.945	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20978	17.564	ug/l	91
82) 4-Chlorotoluene	11.51	91	157951	18.359	ug/l	99
83) tert-Butylbenzene	11.77	119	161611	18.927	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	169320	18.916	ug/l	100
85) sec-Butylbenzene	11.94	105	191672	18.850	ug/l	100
86) p-Isopropyltoluene	12.06	119	169763	18.921	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	82915	18.266	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	82710	18.054	ug/l	98
89) n-Butylbenzene	12.38	91	154823	18.216	ug/l	100
90) Hexachloroethane	12.60	117	26725	17.879	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	84534	18.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17173	19.391	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57452	18.772	ug/l	100
94) Hexachlorobutadiene	13.78	225	26891	18.504	ug/l	99
95) Naphthalene	13.83	128	212794	20.280	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	60137	19.555	ug/l	100

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

