

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013918.D
 Acq On : 10 Dec 2019 23:47
 Operator : JC/SP
 Sample : VX1210WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:14:17 PM

Quant Time: Dec 11 04:39:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	557142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	881604	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	788468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	384045	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	289372	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
35) Dibromofluoromethane	5.49	113	248914	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	
50) Toluene-d8	8.71	98	913930	43.04	ug/l	0.00
Spiked Amount			Recovery	=	86.08%	
62) 4-Bromofluorobenzene	11.14	95	327377	42.75	ug/l	0.00
Spiked Amount			Recovery	=	85.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	104434	16.841	ug/l	97
3) Chloromethane	1.32	50	124353	17.871	ug/l	99
4) Vinyl Chloride	1.40	62	144733	18.480	ug/l	99
5) Bromomethane	1.63	94	85464	16.249	ug/l	98
6) Chloroethane	1.72	64	82883	18.598	ug/l	98
7) Trichlorofluoromethane	1.92	101	156321	17.975	ug/l	98
8) Diethyl Ether	2.18	74	75222	19.119	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95015	17.887	ug/l	99
10) Methyl Iodide	2.50	142	109688	17.071	ug/l	99
11) Tert butyl alcohol	3.03	59	142990	89.576	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95911	18.089	ug/l	95
13) Acrolein	2.28	56	82076	81.039	ug/l	99
14) Allyl chloride	2.72	41	168181	17.479	ug/l	99
15) Acrylonitrile	3.13	53	320426	97.244	ug/l	98
16) Acetone	2.43	43	291860	91.409	ug/l	100
17) Carbon Disulfide	2.56	76	233348	15.438	ug/l	99
18) Methyl Acetate	2.76	43	189158	21.275	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	335810	19.118	ug/l	100
20) Methylene Chloride	2.85	84	116214	18.945	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	103069	17.844	ug/l	98
22) Diisopropyl ether	3.84	45	365866	19.747	ug/l	93
23) Vinyl Acetate	3.80	43	1456990	94.529	ug/l	100
24) 1,1-Dichloroethane	3.69	63	196546	19.405	ug/l	99
25) 2-Butanone	4.66	43	450870	95.014	ug/l	99
26) 2,2-Dichloropropane	4.57	77	119691	14.283	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	122580	18.480	ug/l	98
28) Bromochloromethane	5.01	49	83589	20.877	ug/l	97
29) Tetrahydrofuran	5.11	42	289138	98.840	ug/l	99
30) Chloroform	5.20	83	190812	18.576	ug/l	96
31) Cyclohexane	5.57	56	164974	17.269	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	157233	18.317	ug/l	99
36) 1,1-Dichloropropene	5.79	75	138666	17.327	ug/l	99
37) Ethyl Acetate	4.82	43	169324	18.860	ug/l	98
38) Carbon Tetrachloride	5.78	117	128422	17.403	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159199	16.093	ug/l	97
40) Benzene	6.14	78	443026	18.176	ug/l	98
41) Methacrylonitrile	5.03	41	96224	19.543	ug/l	97
42) 1,2-Dichloroethane	6.18	62	152300	18.322	ug/l	99
43) Isopropyl Acetate	6.43	43	274505	18.572	ug/l	99
44) Trichloroethene	7.21	130	117809	17.612	ug/l	97
45) 1,2-Dichloropropane	7.51	63	114422	18.763	ug/l	97
46) Dibromomethane	7.65	93	74537	17.996	ug/l	99
47) Bromodichloromethane	7.89	83	145347	18.563	ug/l	99
48) Methyl methacrylate	7.76	41	135626	18.886	ug/l	99
49) 1,4-Dioxane	7.73	88	55885	347.655	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	895852	96.357	ug/l	99
52) Toluene	8.78	92	274961	18.159	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145965	16.378	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	167283	17.180	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116025	19.015	ug/l	98
56) Ethyl methacrylate	9.17	69	179205	18.267	ug/l	99
57) 1,3-Dichloropropane	9.37	76	196074	18.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	349131	90.769	ug/l	100
59) 2-Hexanone	9.48	43	678507	93.572	ug/l	98
60) Dibromochloromethane	9.57	129	114435	18.071	ug/l	100
61) 1,2-Dibromoethane	9.67	107	119372	18.317	ug/l	100
64) Tetrachloroethene	9.33	164	113740	19.344	ug/l	97
65) Chlorobenzene	10.14	112	293041	17.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	108400	18.440	ug/l	99
67) Ethyl Benzene	10.25	91	514601	18.293	ug/l	100
68) m/p-Xylenes	10.35	106	387263	35.958	ug/l	100
69) o-Xylene	10.70	106	192703	18.346	ug/l	100
70) Styrene	10.71	104	319859	18.103	ug/l	99
71) Bromoform	10.85	173	85053	17.487	ug/l #	100
73) Isopropylbenzene	11.01	105	503861	18.704	ug/l	100
74) N-amyl acetate	10.89	43	226086	18.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	181916	19.472	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	165141m	19.118	ug/l	
77) Bromobenzene	11.25	156	132534	18.211	ug/l	97
78) n-propylbenzene	11.35	91	551239	18.330	ug/l	99
79) 2-Chlorotoluene	11.42	91	335110	18.576	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	416579	18.868	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47813	15.144	ug/l	93
82) 4-Chlorotoluene	11.51	91	380875	18.229	ug/l	100
83) tert-Butylbenzene	11.76	119	410159	18.279	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	416663	18.594	ug/l	100
85) sec-Butylbenzene	11.94	105	471131	18.382	ug/l	99
86) p-Isopropyltoluene	12.06	119	429049	17.994	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	225590	17.782	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	227382	17.597	ug/l	99
89) n-Butylbenzene	12.39	91	343509	16.891	ug/l	100
90) Hexachloroethane	12.59	117	74273	17.234	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	230671	18.403	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36778	18.078	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141315	16.177	ug/l	96
94) Hexachlorobutadiene	13.78	225	69293	16.512	ug/l	99
95) Naphthalene	13.83	128	452300	17.386	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	146815	16.974	ug/l	97

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

