

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014501.D
 Acq On : 09 Jan 2020 17:00
 Operator : JC/SP
 Sample : VX0109WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBSD02

Manual Integrations
 APPROVED

apatel

1/10/2020 8:35:07 AM

Quant Time: Jan 09 17:27:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	489844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	730790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	660948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	267963	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	5.48	113	219421	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	850506	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.14	95	301953	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	119464	19.797	ug/l	100
3) Chloromethane	1.32	50	122185	19.568	ug/l	100
4) Vinyl Chloride	1.40	62	137263	19.728	ug/l	97
5) Bromomethane	1.63	94	78339	16.986	ug/l	95
6) Chloroethane	1.72	64	78032	19.803	ug/l	98
7) Trichlorofluoromethane	1.92	101	151345	19.175	ug/l	96
8) Diethyl Ether	2.18	74	68869	19.126	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91726	19.102	ug/l	99
10) Methyl Iodide	2.50	142	92580	16.101	ug/l	99
11) Tert butyl alcohol	3.02	59	120626	105.648	ug/l	98
12) 1,1-Dichloroethene	2.37	96	90012	18.605	ug/l	99
13) Acrolein	2.28	56	74757	81.687	ug/l	98
14) Allyl chloride	2.72	41	162644	19.148	ug/l	99
15) Acrylonitrile	3.13	53	277219	100.598	ug/l	99
16) Acetone	2.43	43	296217	105.623	ug/l	98
17) Carbon Disulfide	2.56	76	241696	17.905	ug/l	98
18) Methyl Acetate	2.76	43	169111	21.517	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	311495	20.057	ug/l	99
20) Methylene Chloride	2.85	84	104524	19.001	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	97225	18.408	ug/l	99
22) Diisopropyl ether	3.84	45	336832	20.520	ug/l	95
23) Vinyl Acetate	3.80	43	1251646	98.489	ug/l	100
24) 1,1-Dichloroethane	3.69	63	177934	19.927	ug/l	98
25) 2-Butanone	4.65	43	412405	100.963	ug/l	99
26) 2,2-Dichloropropane	4.58	77	139548	18.448	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	111083	18.814	ug/l	97
28) Bromochloromethane	5.00	49	76058	20.214	ug/l	94
29) Tetrahydrofuran	5.11	42	246920	102.243	ug/l	99
30) Chloroform	5.20	83	171025	19.600	ug/l	96
31) Cyclohexane	5.57	56	167614	20.054	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	145942	19.540	ug/l	99
36) 1,1-Dichloropropene	5.79	75	129274	18.811	ug/l	99
37) Ethyl Acetate	4.82	43	148071	19.836	ug/l	99
38) Carbon Tetrachloride	5.78	117	122178	19.319	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171080	19.814	ug/l	98
40) Benzene	6.14	78	407654	19.986	ug/l	98
41) Methacrylonitrile	5.03	41	82740	20.785	ug/l	97
42) 1,2-Dichloroethane	6.18	62	138514	19.422	ug/l	97
43) Isopropyl Acetate	6.43	43	246277	20.423	ug/l	99
44) Trichloroethene	7.21	130	112280	19.155	ug/l	98
45) 1,2-Dichloropropane	7.51	63	105180	20.226	ug/l	99
46) Dibromomethane	7.65	93	69516	19.153	ug/l	99
47) Bromodichloromethane	7.89	83	130127	19.703	ug/l	100
48) Methyl methacrylate	7.76	41	120027	20.782	ug/l	100
49) 1,4-Dioxane	7.73	88	51511	420.914	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	769919	104.774	ug/l	99
52) Toluene	8.78	92	257096	19.690	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	144810	18.833	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	164900	19.853	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	104430	19.912	ug/l	99
56) Ethyl methacrylate	9.17	69	163379	20.334	ug/l	98
57) 1,3-Dichloropropane	9.37	76	178293	20.332	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	287222	105.066	ug/l	98
59) 2-Hexanone	9.48	43	599302	103.073	ug/l	100
60) Dibromochloromethane	9.57	129	105776	20.066	ug/l	99
61) 1,2-Dibromoethane	9.67	107	110894	19.961	ug/l	97
64) Tetrachloroethene	9.33	164	130606	19.717	ug/l	96
65) Chlorobenzene	10.14	112	275571	19.212	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	99362	19.411	ug/l	98
67) Ethyl Benzene	10.25	91	483374	19.771	ug/l	98
68) m/p-Xylenes	10.35	106	364188	38.612	ug/l	97
69) o-Xylene	10.70	106	179921	19.993	ug/l	99
70) Styrene	10.71	104	301013	19.382	ug/l	100
71) Bromoform	10.85	173	79239	18.920	ug/l #	98
73) Isopropylbenzene	11.01	105	475223	20.305	ug/l	99
74) N-amyl acetate	10.89	43	214041	20.730	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	152655	20.339	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	149230m	21.641	ug/l	
77) Bromobenzene	11.25	156	123761	19.068	ug/l	99
78) n-propylbenzene	11.35	91	535640	19.984	ug/l	100
79) 2-Chlorotoluene	11.42	91	315506	19.751	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	394776	20.317	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49805	19.095	ug/l	95
82) 4-Chlorotoluene	11.51	91	362563	19.336	ug/l	99
83) tert-Butylbenzene	11.76	119	363099	19.777	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	400547	20.401	ug/l	99
85) sec-Butylbenzene	11.94	105	459058	20.114	ug/l	100
86) p-Isopropyltoluene	12.06	119	419774	19.820	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220571	18.936	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	217660	19.533	ug/l	98
89) n-Butylbenzene	12.39	91	360558	18.620	ug/l	99
90) Hexachloroethane	12.59	117	70345	18.909	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	219089	19.198	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33447	19.811	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	153712	19.122	ug/l	100
94) Hexachlorobutadiene	13.78	225	70926	18.945	ug/l	97
95) Naphthalene	13.83	128	461048	18.546	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	154523	19.493	ug/l	99

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

