

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010720\
 Data File : VX014454.D
 Acq On : 07 Jan 2020 17:44
 Operator : JC/SP
 Sample : VX0107WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:16:14 AM

Quant Time: Jan 08 02:56:13 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	533006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	797173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	723029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373006	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	290373	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
35) Dibromofluoromethane	5.49	113	242761	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	8.71	98	949858	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	342418	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	131887	20.082	ug/l	100
3) Chloromethane	1.32	50	137028	20.168	ug/l	98
4) Vinyl Chloride	1.41	62	151307	19.985	ug/l	98
5) Bromomethane	1.64	94	89506	17.835	ug/l	100
6) Chloroethane	1.72	64	86379	20.169	ug/l	98
7) Trichlorofluoromethane	1.93	101	166131	19.344	ug/l	100
8) Diethyl Ether	2.18	74	71867	18.342	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	96897	18.545	ug/l	98
10) Methyl Iodide	2.51	142	95006	15.185	ug/l	99
11) Tert butyl alcohol	3.02	59	127009	102.230	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97518	18.525	ug/l	99
13) Acrolein	2.28	56	93585	93.980	ug/l	96
14) Allyl chloride	2.72	41	175069	18.942	ug/l	99
15) Acrylonitrile	3.13	53	288883	96.342	ug/l	98
16) Acetone	2.43	43	302212	98.770	ug/l	99
17) Carbon Disulfide	2.56	76	273875	18.645	ug/l	99
18) Methyl Acetate	2.76	43	174984	20.461	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	325888	19.285	ug/l	99
20) Methylene Chloride	2.85	84	112444	18.785	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	107775	18.753	ug/l	96
22) Diisopropyl ether	3.84	45	347884	19.477	ug/l	98
23) Vinyl Acetate	3.80	43	1324765	95.801	ug/l	100
24) 1,1-Dichloroethane	3.69	63	188369	19.387	ug/l	100
25) 2-Butanone	4.65	43	436096	98.118	ug/l	99
26) 2,2-Dichloropropane	4.58	77	154626	18.786	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	120532	18.761	ug/l	99
28) Bromochloromethane	5.00	49	77267	18.872	ug/l	96
29) Tetrahydrofuran	5.12	42	265986	101.219	ug/l	99
30) Chloroform	5.20	83	182941	19.268	ug/l	99
31) Cyclohexane	5.57	56	180300	19.825	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	158236	19.470	ug/l	99
36) 1,1-Dichloropropene	5.79	75	143318	19.118	ug/l	99
37) Ethyl Acetate	4.82	43	156886	19.266	ug/l	100
38) Carbon Tetrachloride	5.78	117	132802	19.250	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181546	19.276	ug/l	96
40) Benzene	6.14	78	428921	19.277	ug/l	100
41) Methacrylonitrile	5.03	41	86702	19.966	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148374	19.072	ug/l	99
43) Isopropyl Acetate	6.43	43	262624	19.965	ug/l	100
44) Trichloroethene	7.21	130	123792	19.360	ug/l	97
45) 1,2-Dichloropropane	7.51	63	111165	19.597	ug/l	99
46) Dibromomethane	7.65	93	71769	18.127	ug/l	98
47) Bromodichloromethane	7.89	83	138798	19.266	ug/l	98
48) Methyl methacrylate	7.76	41	126006	20.000	ug/l	99
49) 1,4-Dioxane	7.73	88	53072	397.556	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	811595	101.248	ug/l	100
52) Toluene	8.78	92	273898	19.230	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158787	18.932	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	173450	19.144	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	111126	19.424	ug/l	98
56) Ethyl methacrylate	9.17	69	174597	19.920	ug/l	98
57) 1,3-Dichloropropane	9.37	76	186055	19.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	303306	101.710	ug/l	99
59) 2-Hexanone	9.48	43	644347	101.592	ug/l	99
60) Dibromochloromethane	9.57	129	111763	19.436	ug/l	100
61) 1,2-Dibromoethane	9.67	107	114864	18.954	ug/l	99
64) Tetrachloroethene	9.33	164	139133	19.200	ug/l	98
65) Chlorobenzene	10.14	112	296084	18.870	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	106222	18.969	ug/l	98
67) Ethyl Benzene	10.25	91	518242	19.378	ug/l	99
68) m/p-Xylenes	10.35	106	394208	38.207	ug/l	97
69) o-Xylene	10.70	106	191632	19.466	ug/l	99
70) Styrene	10.71	104	326250	19.204	ug/l	100
71) Bromoform	10.85	173	85984	18.768	ug/l	99
73) Isopropylbenzene	11.01	105	508900	19.429	ug/l	100
74) N-amyl acetate	10.89	43	224594	19.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159719	19.014	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	136787m	17.724	ug/l	
77) Bromobenzene	11.25	156	134555	18.524	ug/l	99
78) n-propylbenzene	11.35	91	581728	19.393	ug/l	100
79) 2-Chlorotoluene	11.42	91	341183	19.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	421378	19.377	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55360	18.965	ug/l	94
82) 4-Chlorotoluene	11.51	91	397077	18.921	ug/l	99
83) tert-Butylbenzene	11.76	119	386522	18.811	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	426446	19.407	ug/l	100
85) sec-Butylbenzene	11.94	105	499945	19.572	ug/l	99
86) p-Isopropyltoluene	12.06	119	458683	19.351	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	244863	18.783	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	246514	19.774	ug/l	99
89) n-Butylbenzene	12.39	91	407572	18.806	ug/l	99
90) Hexachloroethane	12.59	117	76921	18.475	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	237607	18.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35938	19.020	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	174794	19.431	ug/l	99
94) Hexachlorobutadiene	13.78	225	81912	19.548	ug/l	100
95) Naphthalene	13.83	128	522546	18.781	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	174313	19.650	ug/l	98

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

