

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031220\
 Data File : VX015238.D
 Acq On : 12 Mar 2020 17:14
 Operator : JC/SP
 Sample : VX0312WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:50 AM

Quant Time: Mar 13 05:06:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	276228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	418240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	383418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	197751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	153242	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
35) Dibromofluoromethane	5.49	113	130462	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.71	98	496569	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	180169	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	43264	17.886	ug/l	99
3) Chloromethane	1.32	50	61127	17.840	ug/l	99
4) Vinyl Chloride	1.40	62	60944	17.541	ug/l	99
5) Bromomethane	1.64	94	38780	18.156	ug/l	99
6) Chloroethane	1.72	64	40891	19.620	ug/l	98
7) Trichlorofluoromethane	1.92	101	78350	18.952	ug/l	96
8) Diethyl Ether	2.18	74	36639	19.567	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	48829	18.773	ug/l	99
10) Methyl Iodide	2.50	142	42519	14.470	ug/l	98
11) Tert butyl alcohol	3.02	59	61955	108.966	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48323	18.002	ug/l	99
13) Acrolein	2.28	56	47237	88.405	ug/l	98
14) Allyl chloride	2.72	41	92798	19.826	ug/l	94
15) Acrylonitrile	3.13	53	152739	107.868	ug/l	98
16) Acetone	2.43	43	121855	91.816	ug/l	98
17) Carbon Disulfide	2.56	76	124586	16.713	ug/l	99
18) Methyl Acetate	2.76	43	69849	21.524	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	165670	19.750	ug/l	98
20) Methylene Chloride	2.85	84	57137	18.396	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	53113	18.531	ug/l	93
22) Diisopropyl ether	3.84	45	191299	20.514	ug/l	99
23) Vinyl Acetate	3.80	43	793779	103.554	ug/l	98
24) 1,1-Dichloroethane	3.69	63	99822	19.287	ug/l	99
25) 2-Butanone	4.65	43	204157	105.075	ug/l	96
26) 2,2-Dichloropropane	4.58	77	74214	18.063	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	61528	19.135	ug/l	99
28) Bromochloromethane	5.00	49	51367	21.796	ug/l	96
29) Tetrahydrofuran	5.11	42	133836	106.859	ug/l	97
30) Chloroform	5.20	83	97005	19.230	ug/l	100
31) Cyclohexane	5.58	56	88993	19.278	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	79357	18.978	ug/l	98
36) 1,1-Dichloropropene	5.79	75	71976	18.616	ug/l	98
37) Ethyl Acetate	4.82	43	79487	22.162	ug/l	98
38) Carbon Tetrachloride	5.78	117	67399	18.467	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85477	18.933	ug/l	99
40) Benzene	6.14	78	224791	19.596	ug/l	98
41) Methacrylonitrile	5.03	41	46416	21.546	ug/l	96
42) 1,2-Dichloroethane	6.18	62	73833	18.742	ug/l	98
43) Isopropyl Acetate	6.43	43	129980	20.601	ug/l	98
44) Trichloroethene	7.21	130	61577	19.275	ug/l	98
45) 1,2-Dichloropropane	7.51	63	61068	20.567	ug/l	98
46) Dibromomethane	7.65	93	36429	18.829	ug/l	95
47) Bromodichloromethane	7.89	83	72868	19.046	ug/l	98
48) Methyl methacrylate	7.76	41	64520	20.092	ug/l	97
49) 1,4-Dioxane	7.73	88	28160	405.581	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	409532	109.780	ug/l	100
52) Toluene	8.78	92	140266	19.998	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	78656	19.315	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	88787	19.286	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	57916	20.062	ug/l	98
56) Ethyl methacrylate	9.17	69	88346	21.455	ug/l	97
57) 1,3-Dichloropropane	9.37	76	98159	20.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	226154	100.814	ug/l	100
59) 2-Hexanone	9.48	43	304779	110.228	ug/l	99
60) Dibromochloromethane	9.57	129	59246	19.537	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59944	19.769	ug/l	99
64) Tetrachloroethene	9.33	164	62773	19.801	ug/l	97
65) Chlorobenzene	10.14	112	151796	19.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	57524	19.818	ug/l	98
67) Ethyl Benzene	10.25	91	258771	19.797	ug/l	99
68) m/p-Xylenes	10.35	106	197383	39.689	ug/l	99
69) o-Xylene	10.70	106	97322	20.439	ug/l	98
70) Styrene	10.71	104	167313	20.494	ug/l	99
71) Bromoform	10.85	173	44224	19.648	ug/l #	99
73) Isopropylbenzene	11.01	105	255176	20.200	ug/l	99
74) N-amyl acetate	10.89	43	111144	20.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	85221	20.243	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	81201m	20.586	ug/l	
77) Bromobenzene	11.25	156	69709	19.801	ug/l	99
78) n-propylbenzene	11.35	91	292630	20.276	ug/l	100
79) 2-Chlorotoluene	11.42	91	174193	20.211	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	212181	20.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26304	18.925	ug/l	97
82) 4-Chlorotoluene	11.51	91	200060	19.647	ug/l	99
83) tert-Butylbenzene	11.76	119	213148	20.962	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	215839	20.431	ug/l	99
85) sec-Butylbenzene	11.94	105	252398	20.562	ug/l	99
86) p-Isopropyltoluene	12.06	119	233073	20.609	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	125008	20.199	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	121113	18.955	ug/l	97
89) n-Butylbenzene	12.39	91	198021	19.687	ug/l	97
90) Hexachloroethane	12.59	117	40027	18.722	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	122507	19.910	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17386	20.623	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	87488	20.484	ug/l	99
94) Hexachlorobutadiene	13.78	225	45549	20.783	ug/l	100
95) Naphthalene	13.83	128	244724	19.585	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	89088	20.906	ug/l	99

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

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