

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022620\
 Data File : VX015029.D
 Acq On : 26 Feb 2020 18:23
 Operator : JC/SP
 Sample : L1683-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200225MS

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 10:48:18 AM

Quant Time: Feb 27 03:52:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	394688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	606097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	581982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	230591	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.49	113	193676	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	8.71	98	739941	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.14	95	274904	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	175548	46.966	ug/l	99
3) Chloromethane	1.32	50	217094	51.230	ug/l	100
4) Vinyl Chloride	1.40	62	228591	50.074	ug/l	98
5) Bromomethane	1.63	94	122535	41.469	ug/l	96
6) Chloroethane	1.72	64	135714	46.462	ug/l	98
7) Trichlorofluoromethane	1.92	101	273888	42.942	ug/l	100
8) Diethyl Ether	2.18	74	121688	46.009	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	167080	45.130	ug/l	99
10) Methyl Iodide	2.50	142	179871	44.142	ug/l	99
11) Tert butyl alcohol	3.03	59	212085	269.664	ug/l	100
12) 1,1-Dichloroethene	2.37	96	168612	46.607	ug/l	93
13) Acrolein	2.28	56	132223	220.583	ug/l	100
14) Allyl chloride	2.72	41	311873	48.623	ug/l	92
15) Acrylonitrile	3.13	53	577736	289.768	ug/l	99
16) Acetone	2.43	43	441502	181.522	ug/l	96
17) Carbon Disulfide	2.56	76	422426	41.791	ug/l	97
18) Methyl Acetate	2.76	43	255917	57.045	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	615273	52.258	ug/l	100
20) Methylene Chloride	2.85	84	200159	46.712	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	193199	48.398	ug/l	99
22) Diisopropyl ether	3.84	45	680927	55.584	ug/l	96
23) Vinyl Acetate	3.80	43	2744675	271.788	ug/l	99
24) 1,1-Dichloroethane	3.69	63	370708	53.618	ug/l	98
25) 2-Butanone	4.66	43	805942	265.766	ug/l	100
26) 2,2-Dichloropropane	4.58	77	250344	42.016	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	371912	83.347	ug/l	94
28) Bromochloromethane	5.01	49	149958	55.957	ug/l	96
29) Tetrahydrofuran	5.11	42	547483	317.586	ug/l	99
30) Chloroform	5.20	83	363087	52.931	ug/l	98
31) Cyclohexane	5.58	56	312176	49.574	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	302708	50.448	ug/l	99
36) 1,1-Dichloropropene	5.79	75	265023	48.882	ug/l	99
37) Ethyl Acetate	4.82	43	299390	52.945	ug/l	99
38) Carbon Tetrachloride	5.78	117	256741	48.592	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	316742	46.713	ug/l	99
40) Benzene	6.14	78	834213	51.497	ug/l	99
41) Methacrylonitrile	5.03	41	180075	59.112	ug/l	98
42) 1,2-Dichloroethane	6.19	62	293193	50.077	ug/l	99
43) Isopropyl Acetate	6.44	43	495094	53.075	ug/l	100
44) Trichloroethene	7.21	130	244748	52.045	ug/l	100
45) 1,2-Dichloropropane	7.51	63	217673	52.689	ug/l	100
46) Dibromomethane	7.65	93	145246	51.433	ug/l	97
47) Bromodichloromethane	7.89	83	283655	50.659	ug/l	99
48) Methyl methacrylate	7.76	41	252916	55.093	ug/l	98
49) 1,4-Dioxane	7.73	88	96911	1129.068	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1617704	287.203	ug/l	99
52) Toluene	8.78	92	525173	51.044	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	306188	49.896	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	338395	49.918	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	219359	52.697	ug/l	99
56) Ethyl methacrylate	9.17	69	344485	55.058	ug/l	98
57) 1,3-Dichloropropane	9.37	76	364943	52.082	ug/l	99
59) 2-Hexanone	9.48	43	1225546	276.815	ug/l	98
60) Dibromochloromethane	9.57	129	230574	51.471	ug/l	96
61) 1,2-Dibromoethane	9.67	107	228691	50.918	ug/l	98
64) Tetrachloroethene	9.33	164	229973	42.264	ug/l	96
65) Chlorobenzene	10.14	112	572860	48.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	213462	49.811	ug/l	99
67) Ethyl Benzene	10.25	91	993240	49.476	ug/l	100
68) m/p-Xylenes	10.36	106	761405	98.454	ug/l	98
69) o-Xylene	10.70	106	369369	49.686	ug/l	100
70) Styrene	10.71	104	639999	50.888	ug/l	99
71) Bromoform	10.85	173	181466	50.731	ug/l #	98
73) Isopropylbenzene	11.01	105	993326	51.010	ug/l	100
74) N-amyl acetate	10.89	43	425020	52.528	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	342131	53.746	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	275287m	49.024	ug/l	
77) Bromobenzene	11.25	156	263255	48.435	ug/l	99
78) n-propylbenzene	11.35	91	1113782	49.451	ug/l	100
79) 2-Chlorotoluene	11.42	91	657628	49.666	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	822330	50.539	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	108254	49.347	ug/l	99
82) 4-Chlorotoluene	11.51	91	768122	48.986	ug/l	99
83) tert-Butylbenzene	11.76	119	811424	52.662	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	822070	50.134	ug/l	99
85) sec-Butylbenzene	11.94	105	960981	50.205	ug/l	99
86) p-Isopropyltoluene	12.06	119	893175	49.865	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	467308	47.926	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	472878	47.491	ug/l	99
89) n-Butylbenzene	12.39	91	772333	48.144	ug/l	99
90) Hexachloroethane	12.59	117	158414	50.643	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	469016	49.049	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73478	49.201	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	334502	47.394	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	158620	46.465	ug/l	98
95) Naphthalene	13.83	128	997174	53.138	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	336451	49.341	ug/l	99

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

