

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031620\
 Data File : VX015284.D
 Acq On : 16 Mar 2020 11:15
 Operator : JC/SP
 Sample : VX0316WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 12:11:19 PM

Quant Time: Mar 17 07:59:55 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	295838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	431520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	210112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	150250	42.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.62%	
35) Dibromofluoromethane	5.48	113	130450	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.71	98	498077	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	11.13	95	180840	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	44617	17.223	ug/l	98
3) Chloromethane	1.31	50	59969	16.342	ug/l	100
4) Vinyl Chloride	1.40	62	59584	16.013	ug/l	98
5) Bromomethane	1.64	94	38359	16.768	ug/l	100
6) Chloroethane	1.72	64	37935	16.995	ug/l	98
7) Trichlorofluoromethane	1.92	101	77274	17.453	ug/l	96
8) Diethyl Ether	2.18	74	34927	17.417	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50698	18.200	ug/l	97
10) Methyl Iodide	2.50	142	47895	15.219	ug/l	99
11) Tert butyl alcohol	3.03	59	55545	91.216	ug/l	100
12) 1,1-Dichloroethene	2.37	96	50662	17.622	ug/l	99
13) Acrolein	2.28	56	46474	81.212	ug/l	100
14) Allyl chloride	2.72	41	96421	19.235	ug/l	95
15) Acrylonitrile	3.13	53	146107	96.345	ug/l	99
16) Acetone	2.43	43	134773	94.819	ug/l	98
17) Carbon Disulfide	2.56	76	129787	16.256	ug/l	99
18) Methyl Acetate	2.76	43	66967	19.268	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	168874	18.798	ug/l	98
20) Methylene Chloride	2.85	84	59984	18.033	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	56195	18.306	ug/l	96
22) Diisopropyl ether	3.84	45	197006	19.726	ug/l	98
23) Vinyl Acetate	3.80	43	795101	96.851	ug/l	98
24) 1,1-Dichloroethane	3.69	63	103044	18.590	ug/l	99
25) 2-Butanone	4.65	43	202552	97.339	ug/l	98
26) 2,2-Dichloropropane	4.57	77	79449	18.055	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	63431	18.419	ug/l	99
28) Bromochloromethane	5.00	49	47546	18.837	ug/l	97
29) Tetrahydrofuran	5.11	42	127218	94.842	ug/l	96
30) Chloroform	5.20	83	98562	18.244	ug/l	98
31) Cyclohexane	5.57	56	91992	18.606	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	82914	18.514	ug/l	98
36) 1,1-Dichloropropene	5.78	75	74718	18.730	ug/l	100
37) Ethyl Acetate	4.81	43	76228	20.600	ug/l	97
38) Carbon Tetrachloride	5.77	117	71402	18.962	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	90662	19.463	ug/l	98
40) Benzene	6.13	78	229314	19.375	ug/l	98
41) Methacrylonitrile	5.03	41	43401	19.526	ug/l	97
42) 1,2-Dichloroethane	6.18	62	74849	18.416	ug/l	99
43) Isopropyl Acetate	6.43	43	129359	19.871	ug/l	99
44) Trichloroethene	7.20	130	63741	19.338	ug/l	96
45) 1,2-Dichloropropane	7.50	63	61020	19.918	ug/l	99
46) Dibromomethane	7.65	93	37436	18.754	ug/l	96
47) Bromodichloromethane	7.89	83	77114	19.536	ug/l	97
48) Methyl methacrylate	7.76	41	62721	18.930	ug/l	97
49) 1,4-Dioxane	7.73	88	26991	376.781	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	391030	101.594	ug/l	99
52) Toluene	8.78	92	145794	20.147	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	82915	19.735	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	93983	19.786	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	58019	19.479	ug/l	97
56) Ethyl methacrylate	9.17	69	86881	20.450	ug/l	96
57) 1,3-Dichloropropane	9.36	76	98899	19.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	218422	94.371	ug/l	99
59) 2-Hexanone	9.48	43	292817	102.643	ug/l	99
60) Dibromochloromethane	9.57	129	60289	19.269	ug/l	98
61) 1,2-Dibromoethane	9.67	107	59114	18.895	ug/l	100
64) Tetrachloroethene	9.33	164	63225	19.046	ug/l	98
65) Chlorobenzene	10.13	112	154077	19.114	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	57541	18.931	ug/l	99
67) Ethyl Benzene	10.25	91	269558	19.693	ug/l	99
68) m/p-Xylenes	10.36	106	202460	38.876	ug/l	98
69) o-Xylene	10.69	106	98990	19.853	ug/l	98
70) Styrene	10.70	104	169674	19.847	ug/l	99
71) Bromoform	10.85	173	45029	19.104	ug/l #	100
73) Isopropylbenzene	11.01	105	265453	19.777	ug/l	100
74) N-amyl acetate	10.89	43	108031	19.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	83330	18.629	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72061m	17.194	ug/l	
77) Bromobenzene	11.25	156	69596	18.606	ug/l	98
78) n-propylbenzene	11.35	91	308775	20.136	ug/l	100
79) 2-Chlorotoluene	11.42	91	179784	19.632	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	224130	20.059	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	27103	18.353	ug/l	98
82) 4-Chlorotoluene	11.51	91	212340	19.626	ug/l	99
83) tert-Butylbenzene	11.76	119	211561	19.582	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	224969	20.042	ug/l	99
85) sec-Butylbenzene	11.94	105	263670	20.217	ug/l	100
86) p-Isopropyltoluene	12.06	119	241596	20.106	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	125757	19.124	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	129155	19.024	ug/l	99
89) n-Butylbenzene	12.38	91	211320	19.774	ug/l	99
90) Hexachloroethane	12.59	117	41279	18.171	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	124800	19.089	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16737	18.686	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	89650	19.755	ug/l	99
94) Hexachlorobutadiene	13.78	225	45564	19.566	ug/l	99
95) Naphthalene	13.83	128	240148	18.197	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	89774	19.827	ug/l	100

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

