

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016401.D
 Acq On : 22 May 2020 10:57
 Operator : JC/SP
 Sample : VX0522WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 11:44:03 AM

Quant Time: May 23 01:56:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	240628	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	379373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	348961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133605	42.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.38%	
35) Dibromofluoromethane	5.46	113	113305	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
50) Toluene-d8	8.70	98	434374	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
62) 4-Bromofluorobenzene	11.12	95	162800	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45287	17.781	ug/l	98
3) Chloromethane	1.31	50	50170	16.961	ug/l	100
4) Vinyl Chloride	1.39	62	54254	17.192	ug/l	100
5) Bromomethane	1.62	94	33117	20.816	ug/l	99
6) Chloroethane	1.71	64	32492	16.922	ug/l	94
7) Trichlorofluoromethane	1.92	101	74311	17.936	ug/l	97
8) Diethyl Ether	2.17	74	30530	17.489	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	43712	18.287	ug/l	98
10) Methyl Iodide	2.49	142	36045	11.227	ug/l	98
11) Tert butyl alcohol	3.01	59	62108	77.567	ug/l	99
12) 1,1-Dichloroethene	2.36	96	44225	17.680	ug/l	97
13) Acrolein	2.27	56	53253	106.282	ug/l	98
14) Allyl chloride	2.70	41	72225	15.748	ug/l	94
15) Acrylonitrile	3.11	53	137044	82.504	ug/l	99
16) Acetone	2.42	43	107459	76.060	ug/l	97
17) Carbon Disulfide	2.55	76	123459	16.296	ug/l	97
18) Methyl Acetate	2.75	43	57043	16.421	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	157646	18.282	ug/l	95
20) Methylene Chloride	2.83	84	50570	17.363	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	49368	17.711	ug/l	93
22) Diisopropyl ether	3.82	45	145676	16.836	ug/l	93
23) Vinyl Acetate	3.78	43	628191	82.523	ug/l	95
24) 1,1-Dichloroethane	3.67	63	86909	17.956	ug/l	98
25) 2-Butanone	4.63	43	181554	79.747	ug/l	93
26) 2,2-Dichloropropane	4.54	77	79107	17.896	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	56471	18.531	ug/l	95
28) Bromochloromethane	4.98	49	39214	17.768	ug/l	89
29) Tetrahydrofuran	5.09	42	121089	80.271	ug/l	93
30) Chloroform	5.18	83	89541	18.580	ug/l	98
31) Cyclohexane	5.55	56	74301	16.891	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	82161	18.756	ug/l	97
36) 1,1-Dichloropropene	5.76	75	67849	18.169	ug/l	100
37) Ethyl Acetate	4.79	43	70816	16.361	ug/l	96
38) Carbon Tetrachloride	5.75	117	71966	18.960	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76150	16.933	ug/l	97
40) Benzene	6.11	78	207652	19.004	ug/l	100
41) Methacrylonitrile	5.00	41	38594	16.511	ug/l	95
42) 1,2-Dichloroethane	6.16	62	68639	17.438	ug/l	98
43) Isopropyl Acetate	6.41	43	113887	16.491	ug/l	95
44) Trichloroethene	7.19	130	68713	17.701	ug/l	97
45) 1,2-Dichloropropane	7.49	63	52079	18.836	ug/l	100
46) Dibromomethane	7.63	93	35383	18.832	ug/l	98
47) Bromodichloromethane	7.87	83	72023	18.821	ug/l	98
48) Methyl methacrylate	7.74	41	53341	16.301	ug/l	92
49) 1,4-Dioxane	7.71	88	26980	343.774	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	359123	84.979	ug/l	95
52) Toluene	8.76	92	134695	19.777	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	83223	18.241	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	89816	18.847	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	52467	19.580	ug/l	98
56) Ethyl methacrylate	9.16	69	80539	18.413	ug/l	91
57) 1,3-Dichloropropane	9.35	76	88561	18.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	179630	77.141	ug/l	97
59) 2-Hexanone	9.47	43	276626	83.352	ug/l	95
60) Dibromochloromethane	9.57	129	58149	19.704	ug/l	100
61) 1,2-Dibromoethane	9.65	107	55116	18.989	ug/l	99
64) Tetrachloroethene	9.32	164	80522	18.796	ug/l	99
65) Chlorobenzene	10.12	112	141767	19.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	52794	19.548	ug/l	100
67) Ethyl Benzene	10.24	91	251194	19.267	ug/l	99
68) m/p-Xylenes	10.34	106	192090	39.326	ug/l	100
69) o-Xylene	10.68	106	90715	19.321	ug/l	99
70) Styrene	10.70	104	153465	19.266	ug/l	99
71) Bromoform	10.84	173	42478	19.305	ug/l #	97
73) Isopropylbenzene	11.00	105	239672	19.395	ug/l	99
74) N-amyl acetate	10.88	43	95969	16.650	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	54205	24.559	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	73918m	19.173	ug/l	
77) Bromobenzene	11.24	156	60978	19.118	ug/l	98
78) n-propylbenzene	11.34	91	267507	18.608	ug/l	99
79) 2-Chlorotoluene	11.40	91	163568	19.276	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	203555	19.510	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28723	17.755	ug/l	94
82) 4-Chlorotoluene	11.49	91	190990	19.060	ug/l	99
83) tert-Butylbenzene	11.76	119	168317	18.720	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	206363	19.564	ug/l	99
85) sec-Butylbenzene	11.93	105	213989	17.626	ug/l	100
86) p-Isopropyltoluene	12.05	119	203886	18.089	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	108343	18.918	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	111929	19.256	ug/l	99
89) n-Butylbenzene	12.37	91	164612	15.986	ug/l	100
90) Hexachloroethane	12.58	117	33851	17.487	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	108019	19.588	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17552	17.274	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	68695	16.826	ug/l	96
94) Hexachlorobutadiene	13.77	225	27691	16.110	ug/l	97
95) Naphthalene	13.82	128	234182	17.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	66619	16.696	ug/l	99

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

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