

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017349.D
 Acq On : 13 Jul 2020 11:01
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:35:47 AM

Quant Time: Jul 13 12:24:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 13 11:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	303064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	458103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	71298	18.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.80%	
35) Dibromofluoromethane	5.46	113	56868	19.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.64%	
50) Toluene-d8	8.70	98	205208	18.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.64%	
62) 4-Bromofluorobenzene	11.12	95	79540	18.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	52834	18.161	ug/l	99
3) Chloromethane	1.32	50	54384	15.744	ug/l	98
4) Vinyl Chloride	1.39	62	56397	17.348	ug/l	97
5) Bromomethane	1.64	94	39996	22.446	ug/l	92
6) Chloroethane	1.72	64	34196	17.660	ug/l	99
7) Trichlorofluoromethane	1.92	101	95067	19.312	ug/l	98
8) Diethyl Ether	2.17	74	32004	18.007	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53314	18.383	ug/l	99
10) Methyl Iodide	2.50	142	60968	16.474	ug/l	100
11) Tert butyl alcohol	3.01	59	59886	85.426	ug/l	96
12) 1,1-Dichloroethene	2.36	96	54180	18.298	ug/l	99
13) Acrolein	2.27	56	33393	80.264	ug/l	99
14) Allyl chloride	2.71	41	89320	16.411	ug/l	98
15) Acrylonitrile	3.12	53	150123	88.712	ug/l	100
16) Acetone	2.42	43	124319	89.570	ug/l	98
17) Carbon Disulfide	2.55	76	154259	16.980	ug/l	99
18) Methyl Acetate	2.75	43	62400	17.371	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	185126	18.538	ug/l	100
20) Methylene Chloride	2.84	84	62058	17.611	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	60349	18.252	ug/l	98
22) Diisopropyl ether	3.82	45	181310	18.012	ug/l	99
23) Vinyl Acetate	3.79	43	798037	91.898	ug/l	99
24) 1,1-Dichloroethane	3.67	63	104208	18.113	ug/l	99
25) 2-Butanone	4.64	43	206073	89.736	ug/l	97
26) 2,2-Dichloropropane	4.55	77	96839	18.748	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	66381	17.823	ug/l	99
28) Bromochloromethane	4.98	49	50626	18.148	ug/l	98
29) Tetrahydrofuran	5.09	42	133500	88.371	ug/l	98
30) Chloroform	5.18	83	111876	18.812	ug/l	100
31) Cyclohexane	5.55	56	84042	17.074	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	104184	18.936	ug/l	99
36) 1,1-Dichloropropene	5.78	75	79681	18.397	ug/l	99
37) Ethyl Acetate	4.80	43	82516	18.884	ug/l	97
38) Carbon Tetrachloride	5.75	117	93801	19.463	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	84612	17.642	ug/l	96
40) Benzene	6.11	78	230897	18.200	ug/l	98
41) Methacrylonitrile	5.01	41	44347	18.029	ug/l	99
42) 1,2-Dichloroethane	6.17	62	92718	20.016	ug/l	100
43) Isopropyl Acetate	6.41	43	131618	18.101	ug/l	100
44) Trichloroethene	7.19	130	70766	18.386	ug/l	100
45) 1,2-Dichloropropane	7.49	63	59420	18.247	ug/l	99
46) Dibromomethane	7.64	93	43363	19.375	ug/l	98
47) Bromodichloromethane	7.87	83	89541	19.369	ug/l	98
48) Methyl methacrylate	7.74	41	62705	18.169	ug/l	98
49) 1,4-Dioxane	7.71	88	24546	316.825	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	411185	94.637	ug/l	99
52) Toluene	8.77	92	148435	18.651	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	95386	18.717	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	101700	18.653	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	61830	18.927	ug/l	98
56) Ethyl methacrylate	9.16	69	86058	18.577	ug/l	99
57) 1,3-Dichloropropane	9.35	76	101563	18.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	237074	102.430	ug/l	99
59) 2-Hexanone	9.47	43	307973	96.515	ug/l	99
60) Dibromochloromethane	9.57	129	74021	19.355	ug/l	99
61) 1,2-Dibromoethane	9.65	107	67139	19.093	ug/l	100
64) Tetrachloroethene	9.32	164	72234	20.753	ug/l	93
65) Chlorobenzene	10.12	112	166357	18.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	65766	19.300	ug/l	99
67) Ethyl Benzene	10.23	91	279970	19.123	ug/l	99
68) m/p-Xylenes	10.34	106	221564	39.421	ug/l	99
69) o-Xylene	10.68	106	102450	19.102	ug/l	99
70) Styrene	10.70	104	181918	19.946	ug/l	99
71) Bromoform	10.84	173	57062	20.966	ug/l	99
73) Isopropylbenzene	11.00	105	280412	18.841	ug/l	98
74) N-amyl acetate	10.88	43	110995	17.689	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	87614	18.823	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	87319m	19.653	ug/l	
77) Bromobenzene	11.24	156	80445	19.505	ug/l	99
78) n-propylbenzene	11.34	91	317523	18.853	ug/l	100
79) 2-Chlorotoluene	11.40	91	194862	19.119	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	243515	19.703	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	31167	18.223	ug/l	95
82) 4-Chlorotoluene	11.49	91	235200	19.273	ug/l	100
83) tert-Butylbenzene	11.76	119	230129	18.948	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	250262	19.913	ug/l	100
85) sec-Butylbenzene	11.93	105	268393	18.815	ug/l	100
86) p-Isopropyltoluene	12.05	119	260476	19.641	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	140152	18.689	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	141492	18.493	ug/l	96
89) n-Butylbenzene	12.37	91	213459	18.090	ug/l	99
90) Hexachloroethane	12.58	117	48515	18.597	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	135195	19.393	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20935	18.624	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	88526	18.529	ug/l	100
94) Hexachlorobutadiene	13.76	225	36979	18.925	ug/l	99
95) Naphthalene	13.82	128	275678	19.185	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	88377	19.155	ug/l	98

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

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