

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016030.D
 Acq On : 04 May 2020 12:02
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:18 AM

Quant Time: May 04 13:33:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 13:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	326209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	518516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	470034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	23063	4.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.28%	
35) Dibromofluoromethane	5.47	113	17352	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	
50) Toluene-d8	8.70	98	65070	4.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.52%	
62) 4-Bromofluorobenzene	11.12	95	23444	4.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	17756	5.166	ug/l	98
3) Chloromethane	1.32	50	21169	5.149	ug/l	100
4) Vinyl Chloride	1.39	62	22321	5.155	ug/l	97
5) Bromomethane	1.62	94	11959	4.554	ug/l	100
6) Chloroethane	1.70	64	14517	5.349	ug/l	96
7) Trichlorofluoromethane	1.91	101	30508	5.388	ug/l	98
8) Diethyl Ether	2.17	74	12385	5.166	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	17305	5.311	ug/l	98
10) Methyl Iodide	2.49	142	21009	5.045	ug/l	99
11) Tert butyl alcohol	3.02	59	28543	26.856	ug/l	98
12) 1,1-Dichloroethene	2.36	96	17718	5.190	ug/l	93
13) Acrolein	2.27	56	18122	27.818	ug/l	97
14) Allyl chloride	2.70	41	32724	5.248	ug/l	99
15) Acrylonitrile	3.12	53	58121	25.897	ug/l	99
16) Acetone	2.42	43	49782	25.872	ug/l	100
17) Carbon Disulfide	2.55	76	58408	4.786	ug/l	97
18) Methyl Acetate	2.75	43	24950	5.263	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	62644	5.381	ug/l	97
20) Methylene Chloride	2.84	84	20811	5.123	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	19629	5.116	ug/l	95
22) Diisopropyl ether	3.82	45	61719	5.243	ug/l	96
23) Vinyl Acetate	3.78	43	269566	26.455	ug/l	99
24) 1,1-Dichloroethane	3.67	63	34644	5.277	ug/l	100
25) 2-Butanone	4.64	43	80284	26.409	ug/l	98
26) 2,2-Dichloropropane	4.55	77	32155	5.293	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	21422	5.187	ug/l	98
28) Bromochloromethane	4.98	49	16139	5.426	ug/l	99
29) Tetrahydrofuran	5.09	42	52228	25.799	ug/l	98
30) Chloroform	5.18	83	34829	5.324	ug/l	99
31) Cyclohexane	5.54	56	32132	5.246	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	31272	5.265	ug/l	99
36) 1,1-Dichloropropene	5.77	75	26455	5.111	ug/l	97
37) Ethyl Acetate	4.80	43	31071	5.272	ug/l	98
38) Carbon Tetrachloride	5.75	117	27477	5.283	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	32238	5.223	ug/l	98
40) Benzene	6.12	78	79130	5.224	ug/l	98
41) Methacrylonitrile	5.01	41	16575	5.207	ug/l	98
42) 1,2-Dichloroethane	6.17	62	28583	5.224	ug/l	100
43) Isopropyl Acetate	6.41	43	48956	5.220	ug/l	99
44) Trichloroethene	7.19	130	29984	5.353	ug/l	100
45) 1,2-Dichloropropane	7.49	63	20149	5.297	ug/l	99
46) Dibromomethane	7.64	93	13263	5.128	ug/l	99
47) Bromodichloromethane	7.88	83	27219	5.241	ug/l	100
48) Methyl methacrylate	7.74	41	22324	5.059	ug/l	98
49) 1,4-Dioxane	7.71	88	10966	102.737	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	148387	25.987	ug/l	99
52) Toluene	8.77	92	48054	5.149	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	31775	5.114	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	34079	5.220	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	19124	5.244	ug/l	97
56) Ethyl methacrylate	9.16	69	29562	5.124	ug/l	99
57) 1,3-Dichloropropane	9.35	76	33474	5.208	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	78704	25.041	ug/l	99
59) 2-Hexanone	9.48	43	116018	25.927	ug/l	99
60) Dibromochloromethane	9.57	129	20394	5.190	ug/l	99
61) 1,2-Dibromoethane	9.65	107	20701	5.249	ug/l	99
64) Tetrachloroethene	9.32	164	31450	5.269	ug/l	97
65) Chlorobenzene	10.12	112	52029	5.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	19031	5.248	ug/l	98
67) Ethyl Benzene	10.24	91	92488	5.217	ug/l	98
68) m/p-Xylenes	10.34	106	67990	10.325	ug/l	98
69) o-Xylene	10.68	106	33287	5.282	ug/l	98
70) Styrene	10.70	104	53849	5.133	ug/l	99
71) Bromoform	10.84	173	14412	5.108	ug/l #	97
73) Isopropylbenzene	11.00	105	90050	5.323	ug/l	98
74) N-amyl acetate	10.88	43	40242	5.201	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	11772	4.768	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	28056m	4.216	ug/l	
77) Bromobenzene	11.24	156	22353	5.113	ug/l	98
78) n-propylbenzene	11.34	91	102485	5.222	ug/l	99
79) 2-Chlorotoluene	11.40	91	61627	5.309	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	72842	5.171	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	11154	5.239	ug/l	94
82) 4-Chlorotoluene	11.49	91	71188	5.224	ug/l	99
83) tert-Butylbenzene	11.76	119	63618	5.244	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	73896	5.178	ug/l	100
85) sec-Butylbenzene	11.93	105	84957	5.163	ug/l	100
86) p-Isopropyltoluene	12.05	119	78185	5.137	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	41670	5.304	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	40530	5.153	ug/l	92
89) n-Butylbenzene	12.37	91	68073	4.915	ug/l	100
90) Hexachloroethane	12.58	117	13225	5.228	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	39253	5.208	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	6646	4.883	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	27756	4.994	ug/l	97
94) Hexachlorobutadiene	13.77	225	12404	4.752	ug/l	99
95) Naphthalene	13.82	128	89601	5.007	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	27150	4.992	ug/l	98

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

