

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020116.D
 Acq On : 18 Dec 2020 10:28
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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 12/21/2020 3:57:52 PM

Quant Time: Dec 18 12:24:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 12:23:32 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	293090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	479963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	439653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	194365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	3085	1.14	ug/l	96
3) Chloromethane	1.313	50	4058	1.25	ug/l	99
4) Vinyl Chloride	1.392	62	4337	1.28	ug/l	99
6) Chloroethane	1.709	64	2611	1.26	ug/l	98
7) Trichlorofluoromethane	1.916	101	5529	1.19	ug/l	96
8) Diethyl Ether	2.166	74	2291	1.12	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.361	101	3258	1.23	ug/l	97
12) 1,1-Dichloroethene	2.355	96	3323	1.23	ug/l	96
14) Allyl chloride	2.703	41	5757	1.23	ug/l	95
15) Acrylonitrile	3.105	53	10407	5.74	ug/l	98
16) Acetone	2.416	43	11138	7.40	ug/l	96
17) Carbon Disulfide	2.550	76	10352	1.33	ug/l #	92
18) Methyl Acetate	2.745	43	4336	1.19	ug/l	98
19) Methyl tert-butyl Ether	3.160	73	10827	1.07	ug/l	100
20) Methylene Chloride	2.831	84	4835	1.25	ug/l	97
21) trans-1,2-Dichloroethene	3.142	96	4079	1.28	ug/l #	92
22) Diisopropyl ether	3.824	45	10392	1.09	ug/l	94
23) Vinyl Acetate	3.776	43	41400	5.06	ug/l	97
24) 1,1-Dichloroethane	3.666	63	6577	1.16	ug/l	97
25) 2-Butanone	4.635	43	13388	5.78	ug/l	98
26) 2,2-Dichloropropane	4.544	77	5419	1.12	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	4201	1.12	ug/l	90
28) Bromochloromethane	4.977	49	2883	1.07	ug/l #	89
29) Tetrahydrofuran	5.092	42	8290	5.56	ug/l	93
30) Chloroform	5.172	83	6552	1.12	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	5588	1.13	ug/l #	50
36) 1,1-Dichloropropene	5.763	75	5098	1.18	ug/l	95
37) Ethyl Acetate	4.788	43	5319	1.18	ug/l #	88
38) Carbon Tetrachloride	5.745	117	4636	1.10	ug/l	96
39) Methylcyclohexane	7.434	83	5693	1.13	ug/l	97
40) Benzene	6.104	78	15499	1.15	ug/l	97
41) Methacrylonitrile	5.001	41	2504	1.01	ug/l	96
42) 1,2-Dichloroethane	6.159	62	5066	1.09	ug/l	96
43) Isopropyl Acetate	6.403	43	7591	1.04	ug/l	96
44) Trichloroethene	7.190	130	4294	1.23	ug/l	99
45) 1,2-Dichloropropane	7.482	63	3771	1.11	ug/l	93

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46) Dibromomethane	7.635	93	2789	1.22	ug/l	93
47) Bromodichloromethane	7.872	83	4721	1.04	ug/l #	97
48) Methyl methacrylate	7.744	41	3485	0.97	ug/l	97
49) 1,4-Dioxane	7.714	88	1726	20.03	ug/l #	90
51) 4-Methyl-2-Pentanone	8.616	43	22074	4.94	ug/l	95
52) Toluene	8.763	92	8636	1.03	ug/l	97
53) t-1,3-Dichloropropene	9.019	75	4809	0.96	ug/l	100
54) cis-1,3-Dichloropropene	8.409	75	5380	0.98	ug/l #	90
55) 1,1,2-Trichloroethane	9.195	97	3774	1.10	ug/l	97
56) Ethyl methacrylate	9.153	69	4374	0.85	ug/l	95
57) 1,3-Dichloropropane	9.348	76	6196	1.06	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.287	63	14261	5.22	ug/l	99
59) 2-Hexanone	9.470	43	15971	4.63	ug/l	97
60) Dibromochloromethane	9.561	129	3283	0.95	ug/l	99
61) 1,2-Dibromoethane	9.647	107	3834	1.06	ug/l	100
64) Tetrachloroethene	9.317	164	3920	1.33	ug/l	95
65) Chlorobenzene	10.116	112	9845	1.12	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.201	131	3242	1.02	ug/l #	67
67) Ethyl Benzene	10.232	91	16397	1.05	ug/l	100
68) m/p-Xylenes	10.342	106	11347	1.93	ug/l	96
69) o-Xylene	10.683	106	5677	1.00	ug/l	97
70) Styrene	10.695	104	8870	0.93	ug/l	99
71) Bromoform	10.841	173	2323	0.94	ug/l #	96
73) Isopropylbenzene	11.000	105	14078	1.06	ug/l	99
74) N-amyl acetate	10.878	43	4969	0.92	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	5310	1.12	ug/l	95
76) 1,2,3-Trichloropropane	11.280	75	5207m	1.18	ug/l	
77) Bromobenzene	11.238	156	4078	1.19	ug/l	99
78) n-propylbenzene	11.341	91	16148	1.06	ug/l	99
79) 2-Chlorotoluene	11.402	91	10443	1.11	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	11071	0.99	ug/l	97
82) 4-Chlorotoluene	11.494	91	12091	1.09	ug/l	99
83) tert-Butylbenzene	11.750	119	11121	1.02	ug/l	94
84) 1,2,4-Trimethylbenzene	11.792	105	11225	0.99	ug/l	99
85) sec-Butylbenzene	11.927	105	12833	1.03	ug/l	100
86) p-Isopropyltoluene	12.049	119	11418	1.00	ug/l	94
87) 1,3-Dichlorobenzene	12.006	146	7285	1.16	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	8039m	1.26	ug/l	
89) n-Butylbenzene	12.372	91	10293	1.02	ug/l	99
90) Hexachloroethane	12.579	117	2027	1.03	ug/l	93
91) 1,2-Dichlorobenzene	12.372	146	7174	1.17	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	1014	0.99	ug/l	92
93) 1,2,4-Trichlorobenzene	13.628	180	4723	1.19	ug/l	98
94) Hexachlorobutadiene	13.762	225	2501	1.45	ug/l	94
95) Naphthalene	13.817	128	12402	0.96	ug/l	98
96) 1,2,3-Trichlorobenzene	13.999	180	4740	1.22	ug/l	96

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

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