

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121321\
 Data File : VX025760.D
 Acq On : 13 Dec 2021 19:17
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 14 06:48:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 06:31:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Mahesh Dadoda 12/17/2021

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	103663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	916	1.045	ug/l	86
3) Chloromethane	1.295	50	1248	1.107	ug/l	93
4) Vinyl Chloride	1.374	62	1396	1.147	ug/l #	86
6) Chloroethane	1.685	64	1059	1.239	ug/l	91
7) Trichlorofluoromethane	1.886	101	2321	1.268	ug/l #	80
8) Diethyl Ether	2.136	74	939	1.225	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.337	101	1116	1.145	ug/l	89
12) 1,1-Dichloroethene	2.319	96	1106	1.130	ug/l	98
14) Allyl chloride	2.660	41	2145	1.195	ug/l	93
15) Acrylonitrile	3.075	53	3501	5.748	ug/l	98
16) Acetone	2.380	43	4051	6.457	ug/l	98
17) Carbon Disulfide	2.514	76	3422	1.236	ug/l #	92
18) Methyl Acetate	2.709	43	2237	1.103	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	3675	1.054	ug/l	97
20) Methylene Chloride	2.794	84	1913	1.602	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	1221	1.122	ug/l #	74
22) Diisopropyl ether	3.764	45	3737	1.082	ug/l #	82
23) Vinyl Acetate	3.733	43	12813	4.631	ug/l	97
24) 1,1-Dichloroethane	3.617	63	2293	1.213	ug/l #	88
25) 2-Butanone	4.568	43	4826	5.311	ug/l	93
26) 2,2-Dichloropropane	4.477	77	1855	1.128	ug/l	83
27) cis-1,2-Dichloroethene	4.483	96	1487	1.168	ug/l #	67
28) Bromochloromethane	4.910	49	854	0.965	ug/l #	98
29) Tetrahydrofuran	5.032	42	3063	5.406	ug/l	93
30) Chloroform	5.099	83	2500	1.258	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	2189	1.220	ug/l #	38
36) 1,1-Dichloropropene	5.696	75	1708	1.072	ug/l	96
37) Ethyl Acetate	4.745	43	1695	0.927	ug/l #	69
38) Carbon Tetrachloride	5.684	117	2151	1.222	ug/l #	91
39) Methylcyclohexane	7.391	83	2134	1.087	ug/l	86
40) Benzene	6.044	78	4727	0.974	ug/l	92
41) Methacrylonitrile	4.934	41	1032	1.017	ug/l #	69
42) 1,2-Dichloroethane	6.099	62	1941	1.194	ug/l	90
43) Isopropyl Acetate	6.342	43	2979	0.988	ug/l #	93
44) Trichloroethene	7.141	130	1373	0.989	ug/l	93
45) 1,2-Dichloropropane	7.440	63	1283	1.075	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	991	1.128	ug/l	98
47) Bromodichloromethane	7.830	83	1859	1.073	ug/l	88
48) Methyl methacrylate	7.702	41	1293	0.908	ug/l #	80
49) 1,4-Dioxane	7.678	88	533	17.746	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	8728	4.584	ug/l	96
52) Toluene	8.726	92	2846	0.899	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	1513	0.801	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	1682	0.824	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	1302	1.027	ug/l	94
56) Ethyl methacrylate	9.122	69	1656	0.815	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	2189	1.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	3253	3.478	ug/l	98
59) 2-Hexanone	9.433	43	6317	4.236	ug/l	93
60) Dibromochloromethane	9.525	129	1315	0.896	ug/l	79
61) 1,2-Dibromoethane	9.616	107	1463	1.064	ug/l	94
64) Tetrachloroethene	9.275	164	1472	1.078	ug/l #	83
65) Chlorobenzene	10.080	112	3455	1.008	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	1410	1.067	ug/l #	60
67) Ethyl Benzene	10.195	91	5399	0.913	ug/l	100
68) m/p-Xylenes	10.305	106	4047	1.679	ug/l	91
69) o-Xylene	10.647	106	1897	0.804	ug/l	86
70) Styrene	10.665	104	2970	0.759	ug/l	94
71) Bromoform	10.805	173	979	0.858	ug/l #	93
73) Isopropylbenzene	10.964	105	4986	1.029	ug/l	93
74) N-amyl acetate	10.848	43	1840	0.881	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	1832	1.150	ug/l	92
76) 1,2,3-Trichloropropane	11.244	75	1825m	1.295	ug/l	
77) Bromobenzene	11.201	156	1235	0.989	ug/l	88
78) n-propylbenzene	11.305	91	5358	0.987	ug/l	99
79) 2-Chlorotoluene	11.366	91	3747	1.119	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3856	0.943	ug/l	100
82) 4-Chlorotoluene	11.457	91	3889	1.018	ug/l	94
83) tert-Butylbenzene	11.713	119	3972	0.967	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3664	0.904	ug/l	96
85) sec-Butylbenzene	11.890	105	4331	0.870	ug/l	99
86) p-Isopropyltoluene	12.012	119	3507	0.821	ug/l	88
87) 1,3-Dichlorobenzene	11.969	146	2469	1.065	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	2532m	1.074	ug/l	
89) n-Butylbenzene	12.335	91	3090	0.863	ug/l	93
90) Hexachloroethane	12.543	117	773	0.976	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	2135	0.941	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.951	75	391	1.164	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	789	0.610	ug/l	96
94) Hexachlorobutadiene	13.725	225	450	0.740	ug/l	82
95) Naphthalene	13.780	128	2031	0.495	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	819	0.641	ug/l	92

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

