

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026389.D
 Acq On : 06 Jan 2022 21:17
 Operator : JC/MD
 Sample : N1020-14MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MSD

Quant Time: Jan 07 04:20:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/07/2022
 Supervised By :Mahesh Dadoda 01/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	107693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	176035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78693	50.509	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.020%			
35) Dibromofluoromethane	5.391	113	59827	52.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	8.653	98	214183	50.314	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.620%			
62) 4-Bromofluorobenzene	11.079	95	80648	53.218	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	51078	45.160	ug/l	98
3) Chloromethane	1.295	50	48954	37.183	ug/l	100
4) Vinyl Chloride	1.380	62	55156	39.807	ug/l	99
5) Bromomethane	1.618	94	37345	43.673	ug/l	99
6) Chloroethane	1.691	64	29534	30.312	ug/l	99
7) Trichlorofluoromethane	1.892	101	90805	38.044	ug/l	98
8) Diethyl Ether	2.136	74	34297	41.828	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	57043	45.334	ug/l	99
10) Methyl Iodide	2.459	142	54308	33.375	ug/l	99
11) Tert butyl alcohol	3.002	59	70475m	226.474	ug/l	
12) 1,1-Dichloroethene	2.325	96	55375	46.435	ug/l	95
13) Acrolein	2.240	56	29073	261.275	ug/l	93
14) Allyl chloride	2.666	41	107122	45.455	ug/l	96
15) Acrylonitrile	3.069	53	169419	219.896	ug/l	100
16) Acetone	2.386	43	157663	186.772	ug/l	94
17) Carbon Disulfide	2.520	76	147587	43.123	ug/l	100
18) Methyl Acetate	2.709	43	122112	44.597	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	208607	50.081	ug/l	99
20) Methylene Chloride	2.794	84	59766	44.169	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	60120	46.213	ug/l	94
22) Diisopropyl ether	3.764	45	213610	47.489	ug/l	94
23) Vinyl Acetate	3.727	43	851340	238.356	ug/l	97
24) 1,1-Dichloroethane	3.617	63	114970	47.165	ug/l	99
25) 2-Butanone	4.562	43	244618	208.027	ug/l	99
26) 2,2-Dichloropropane	4.483	77	86562	47.131	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	69303	46.825	ug/l	93
28) Bromochloromethane	4.904	49	50444	46.689	ug/l	92
29) Tetrahydrofuran	5.007	42	160016	215.898	ug/l	95
30) Chloroform	5.099	83	118135	45.819	ug/l	97
31) Cyclohexane	5.477	56	104731	47.203	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	108056	48.209	ug/l	99
36) 1,1-Dichloropropene	5.696	75	88388	47.884	ug/l	98
37) Ethyl Acetate	4.715	43	103092	48.167	ug/l	100
38) Carbon Tetrachloride	5.684	117	93682	45.625	ug/l	98
39) Methylcyclohexane	7.385	83	101095	48.552	ug/l	93
40) Benzene	6.044	78	249396	47.340	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	56267	46.554	ug/l	94
42) 1,2-Dichloroethane	6.093	62	98303	46.107	ug/l	98
43) Isopropyl Acetate	6.342	43	165808	47.534	ug/l	98
44) Trichloroethene	7.129	130	70102	49.452	ug/l	92
45) 1,2-Dichloropropane	7.434	63	63638	47.227	ug/l	99
46) Dibromomethane	7.580	93	44638	44.660	ug/l	100
47) Bromodichloromethane	7.824	83	90569	44.539	ug/l	98
48) Methyl methacrylate	7.696	41	80164	47.918	ug/l	92
49) 1,4-Dioxane	7.690	88	26089	846.233	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	486190	223.973	ug/l	99
52) Toluene	8.720	92	151672	46.766	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	90709	42.248	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	99490	46.290	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	61691	46.282	ug/l	98
56) Ethyl methacrylate	9.116	69	101478	49.362	ug/l	95
57) 1,3-Dichloropropane	9.311	76	107091	46.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	248747	227.272	ug/l	97
59) 2-Hexanone	9.433	43	363801	221.248	ug/l	98
60) Dibromochloromethane	9.525	129	65031	43.067	ug/l	100
61) 1,2-Dibromoethane	9.610	107	64725	45.383	ug/l	100
64) Tetrachloroethene	9.275	164	67607	51.885	ug/l	97
65) Chlorobenzene	10.080	112	158751	46.802	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	60825	47.059	ug/l	99
67) Ethyl Benzene	10.195	91	295131	48.661	ug/l	99
68) m/p-Xylenes	10.305	106	220449	97.347	ug/l	93
69) o-Xylene	10.640	106	107724	48.618	ug/l	94
70) Styrene	10.659	104	179189	49.331	ug/l	97
71) Bromoform	10.799	173	43220	41.219	ug/l #	100
73) Isopropylbenzene	10.964	105	284780	50.415	ug/l	98
74) N-amyl acetate	10.848	43	132188	50.963	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	82382	42.883	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	81127m	46.250	ug/l	
77) Bromobenzene	11.201	156	66023	49.286	ug/l	93
78) n-propylbenzene	11.305	91	325508	50.119	ug/l	97
79) 2-Chlorotoluene	11.366	91	196314	49.104	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	235777	50.297	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	22448	37.023	ug/l #	85
82) 4-Chlorotoluene	11.457	91	225966	50.047	ug/l	95
83) tert-Butylbenzene	11.713	119	223851	49.198	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	236098	50.406	ug/l	97
85) sec-Butylbenzene	11.890	105	284212	50.054	ug/l	99
86) p-Isopropyltoluene	12.012	119	241472	51.014	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	121681	48.387	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	122719	45.516	ug/l	99
89) n-Butylbenzene	12.335	91	207025	49.214	ug/l	99
90) Hexachloroethane	12.543	117	36028	38.108	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	118141	45.288	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21513	43.744	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	74716	48.469	ug/l	99
94) Hexachlorobutadiene	13.725	225	30063	46.970	ug/l	98
95) Naphthalene	13.774	128	278275	49.546	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74898	47.755	ug/l	99

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

