

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033172.D
 Acq On : 01 Dec 2022 18:36
 Operator : JC/MD
 Sample : N5815-16MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10MSD

Quant Time: Dec 02 00:55:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	136547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62288	46.461	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.920%		
35) Dibromofluoromethane	5.385	113	56428	45.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.960%		
50) Toluene-d8	8.646	98	167354	45.107	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.220%#		
62) 4-Bromofluorobenzene	11.079	95	77053	47.792	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47017	45.070	ug/l	96
3) Chloromethane	1.294	50	52494	46.612	ug/l	97
4) Vinyl Chloride	1.373	62	62048	49.481	ug/l	97
5) Bromomethane	1.617	94	47717	51.316	ug/l	99
6) Chloroethane	1.690	64	48753	47.757	ug/l	96
7) Trichlorofluoromethane	1.892	101	121653	49.986	ug/l	99
8) Diethyl Ether	2.135	74	41485	54.143	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	66814	52.232	ug/l	98
10) Methyl Iodide	2.452	142	66439	45.370	ug/l	99
11) Tert butyl alcohol	2.995	59	58254m	276.356	ug/l	
12) 1,1-Dichloroethene	2.324	96	61919	51.963	ug/l	100
13) Acrolein	2.239	56	80888	334.071	ug/l #	63
14) Allyl chloride	2.666	41	105135	54.650	ug/l	96
15) Acrylonitrile	3.068	53	167926	281.649	ug/l	99
16) Acetone	2.385	43	139861	225.210	ug/l	99
17) Carbon Disulfide	2.513	76	147641	44.847	ug/l	99
18) Methyl Acetate	2.702	43	98466	57.278	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	253060	61.236	ug/l #	51
20) Methylene Chloride	2.794	84	70564	54.730	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	69070	50.672	ug/l	96
22) Diisopropyl ether	3.757	45	235250	56.159	ug/l #	89
23) Vinyl Acetate	3.721	43	914897	279.017	ug/l	99
24) 1,1-Dichloroethane	3.611	63	128589	53.643	ug/l	100
25) 2-Butanone	4.562	43	229092	267.524	ug/l	99
26) 2,2-Dichloropropane	4.476	77	101816	52.825	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	84872	54.802	ug/l	99
28) Bromochloromethane	4.903	49	54044	51.310	ug/l	98
29) Tetrahydrofuran	5.007	42	147431	271.320	ug/l	98
30) Chloroform	5.092	83	149354	55.630	ug/l	100
31) Cyclohexane	5.470	56	136082	63.158	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	131035	54.500	ug/l	98
36) 1,1-Dichloropropene	5.696	75	102434	52.196	ug/l	100
37) Ethyl Acetate	4.714	43	95021	55.498	ug/l	100
38) Carbon Tetrachloride	5.677	117	114084	52.403	ug/l	99
39) Methylcyclohexane	7.385	83	132033	58.966	ug/l	99
40) Benzene	6.037	78	334508	60.794	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	54448	56.517	ug/l	98
42) 1,2-Dichloroethane	6.086	62	118296	53.396	ug/l	97
43) Isopropyl Acetate	6.336	43	158429	55.951	ug/l	99
44) Trichloroethene	7.128	130	87797	56.863	ug/l	100
45) 1,2-Dichloropropane	7.433	63	76090	55.957	ug/l	98
46) Dibromomethane	7.580	93	55958	52.740	ug/l	99
47) Bromodichloromethane	7.823	83	114031	55.619	ug/l	97
48) Methyl methacrylate	7.689	41	82041	56.288	ug/l	93
49) 1,4-Dioxane	7.702	88	28416	1059.127	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	492327	281.771	ug/l	98
52) Toluene	8.720	92	204132	56.390	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	116682	52.877	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	124033	56.118	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	80442	54.580	ug/l	98
56) Ethyl methacrylate	9.116	69	121765	59.964	ug/l	95
57) 1,3-Dichloropropane	9.311	76	131163	55.127	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	36322	37.668	ug/l	100
59) 2-Hexanone	9.433	43	359915	278.847	ug/l	98
60) Dibromochloromethane	9.524	129	89305	56.281	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86118	55.359	ug/l	99
64) Tetrachloroethene	9.274	164	67316	47.084	ug/l	96
65) Chlorobenzene	10.079	112	213753	53.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	83652	56.694	ug/l	99
67) Ethyl Benzene	10.195	91	1057361	148.021	ug/l	98
68) m/p-Xylenes	10.305	106	522854	186.918	ug/l	98
69) o-Xylene	10.640	106	187557	69.298	ug/l	99
70) Styrene	10.658	104	253927	57.348	ug/l	99
71) Bromoform	10.799	173	63435	56.073	ug/l #	97
73) Isopropylbenzene	10.963	105	469186	65.610	ug/l	99
74) N-amyl acetate	10.841	43	143733	59.084	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	120941	56.034	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	107235m	56.581	ug/l	
77) Bromobenzene	11.201	156	96584	54.917	ug/l	99
78) n-propylbenzene	11.305	91	689798	84.366	ug/l	100
79) 2-Chlorotoluene	11.365	91	318979	64.234	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	507581	84.491	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34118	58.515	ug/l	96
82) 4-Chlorotoluene	11.457	91	335228	57.606	ug/l	98
83) tert-Butylbenzene	11.713	119	333450	55.761	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	905968	151.242	ug/l	99
85) sec-Butylbenzene	11.890	105	416854	58.267	ug/l	98
86) p-Isopropyltoluene	12.012	119	342218	56.459	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	180506	54.720	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	179919	53.256	ug/l	98
89) n-Butylbenzene	12.335	91	329413	63.084	ug/l	93
90) Hexachloroethane	12.536	117	63062	63.326	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	175655	54.740	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	26241	60.935	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	111505	56.371	ug/l	98
94) Hexachlorobutadiene	13.725	225	44705	51.228	ug/l	99
95) Naphthalene	13.774	128	539931	84.375	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	111110	56.013	ug/l	98

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

