

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080608.D
 Acq On : 29 Dec 2023 12:24
 Operator : JC\MD
 Sample : VN1229WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 29 23:39:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	444213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	707391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	619682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	254585	44.680	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.360%		
35) Dibromofluoromethane	8.171	113	212878	46.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	10.570	98	784623	49.119	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.240%		
62) 4-Bromofluorobenzene	12.853	95	290120	53.966	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	85412	17.309	ug/l	99
3) Chloromethane	2.359	50	114386	19.308	ug/l	99
4) Vinyl Chloride	2.512	62	97313	17.722	ug/l	97
5) Bromomethane	2.953	94	42525	20.379	ug/l	99
6) Chloroethane	3.124	64	63538	18.533	ug/l	97
7) Trichlorofluoromethane	3.494	101	139295	17.765	ug/l	98
8) Diethyl Ether	3.953	74	58957	21.896	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	89957	21.017	ug/l	95
10) Methyl Iodide	4.594	142	61135	20.674	ug/l	97
11) Tert butyl alcohol	5.512	59	72991	95.217	ug/l	100
12) 1,1-Dichloroethene	4.336	96	87892	21.409	ug/l	88
13) Acrolein	4.177	56	89084	102.783	ug/l	97
14) Allyl chloride	5.018	41	126681	20.325	ug/l	91
15) Acrylonitrile	5.724	53	222275	101.664	ug/l	99
16) Acetone	4.424	43	173163	111.797	ug/l	97
17) Carbon Disulfide	4.712	76	218528	19.794	ug/l	99
18) Methyl Acetate	5.024	43	203600	23.709	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	296952	20.091	ug/l	99
20) Methylene Chloride	5.277	84	94908	19.204	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	90842	18.313	ug/l	85
22) Diisopropyl ether	6.671	45	313166	22.621	ug/l #	87
23) Vinyl Acetate	6.600	43	780842	101.693	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	190440	20.523	ug/l	98
25) 2-Butanone	7.482	43	258300	89.224	ug/l	90
26) 2,2-Dichloropropane	7.488	77	137861	17.067	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	103576	17.555	ug/l	93
28) Bromochloromethane	7.812	49	54401	12.609	ug/l	90
29) Tetrahydrofuran	7.835	42	177255	93.885	ug/l #	83
30) Chloroform	7.965	83	176743	18.972	ug/l	95
31) Cyclohexane	8.259	56	144141	18.697	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	158601	18.880	ug/l	97
36) 1,1-Dichloropropene	8.371	75	139219	19.772	ug/l	96
37) Ethyl Acetate	7.559	43	101977	19.194	ug/l	98
38) Carbon Tetrachloride	8.365	117	142832	19.829	ug/l	97
39) Methylcyclohexane	9.606	83	110874	19.198	ug/l #	87
40) Benzene	8.606	78	397140	19.570	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	61293	18.707	ug/l	88
42) 1,2-Dichloroethane	8.671	62	143982	22.069	ug/l	99
43) Isopropyl Acetate	8.694	43	203799	23.666	ug/l	96
44) Trichloroethene	9.353	130	97599	18.569	ug/l	100
45) 1,2-Dichloropropane	9.623	63	101265	21.161	ug/l	96
46) Dibromomethane	9.712	93	69369	21.546	ug/l	92
47) Bromodichloromethane	9.894	83	138940	20.587	ug/l	95
48) Methyl methacrylate	9.682	41	106161	22.202	ug/l	83
49) 1,4-Dioxane	9.700	88	33695	440.882	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	573351	117.059	ug/l	94
52) Toluene	10.635	92	239306	21.375	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	148137	21.773	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	157485	20.682	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	97557	21.968	ug/l	97
56) Ethyl methacrylate	10.876	69	99090	22.780	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	167132	22.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	312943	101.876	ug/l	94
59) 2-Hexanone	11.194	43	424384	114.959	ug/l	94
60) Dibromochloromethane	11.365	129	106423	21.521	ug/l	99
61) 1,2-Dibromoethane	11.470	107	97129	21.692	ug/l	97
64) Tetrachloroethene	11.106	164	82149	19.839	ug/l	89
65) Chlorobenzene	11.894	112	264546	20.521	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	103586	20.890	ug/l	96
67) Ethyl Benzene	11.965	91	454420	21.085	ug/l	99
68) m/p-Xylenes	12.076	106	309855	38.748	ug/l	96
69) o-Xylene	12.400	106	171795	21.874	ug/l	99
70) Styrene	12.412	104	255144	22.340	ug/l	98
71) Bromoform	12.582	173	67831	19.337	ug/l #	99
73) Isopropylbenzene	12.700	105	423553	23.279	ug/l	100
74) N-amyl acetate	12.494	43	155298	24.193	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	146632	23.353	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	130675m	22.854	ug/l	
77) Bromobenzene	12.982	156	105999	21.934	ug/l	98
78) n-propylbenzene	13.035	91	476187	22.886	ug/l	98
79) 2-Chlorotoluene	13.129	91	301020	22.160	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	319855	20.819	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	51130	24.222	ug/l	95
82) 4-Chlorotoluene	13.223	91	277276	19.960	ug/l	98
83) tert-Butylbenzene	13.441	119	284364	22.146	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	343263	22.066	ug/l	100
85) sec-Butylbenzene	13.617	105	332932	19.593	ug/l	100
86) p-Isopropyltoluene	13.735	119	328470	21.275	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	184555	21.190	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	164445	18.783	ug/l	98
89) n-Butylbenzene	14.059	91	234680	18.480	ug/l	99
90) Hexachloroethane	14.335	117	50304	18.965	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	157663	18.756	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25423	19.617	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	85101	19.188	ug/l	94
94) Hexachlorobutadiene	15.505	225	40743	17.801	ug/l	97
95) Naphthalene	15.647	128	278526	20.178	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	84826	18.919	ug/l	97

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

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