

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079269.D
 Acq On : 15 Sep 2023 14:06
 Operator : JC\MD
 Sample : VN0915WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 16 01:40:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						09/18/2023
1) Pentafluorobenzene	8.230	168	179207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	313986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	274798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108863	50.000	ug/l	0.00
System Monitoring Compounds						09/18/2023
33) 1,2-Dichloroethane-d4	8.582	65	143114	59.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.320%
35) Dibromofluoromethane	8.171	113	111716	53.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.980%
50) Toluene-d8	10.571	98	418102	54.519	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.040%
62) 4-Bromofluorobenzene	12.853	95	151479	61.923	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	123.840%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	33597	18.947	ug/l	96
3) Chloromethane	2.365	50	43619	18.739	ug/l	100
4) Vinyl Chloride	2.518	62	48168	18.992	ug/l	96
5) Bromomethane	2.953	94	28744	19.717	ug/l	87
6) Chloroethane	3.124	64	33198	19.877	ug/l	98
7) Trichlorofluoromethane	3.500	101	62032	16.703	ug/l	89
8) Diethyl Ether	3.965	74	23541	18.262	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.371	101	35663	18.056	ug/l	98
10) Methyl Iodide	4.589	142	33761	20.896	ug/l	97
11) Tert butyl alcohol	5.530	59	37795	84.624	ug/l #	93
12) 1,1-Dichloroethene	4.342	96	32864	17.194	ug/l	90
13) Acrolein	4.189	56	50515	118.572	ug/l	98
14) Allyl chloride	5.024	41	58390	19.151	ug/l #	90
15) Acrylonitrile	5.724	53	103126	89.049	ug/l	99
16) Acetone	4.430	43	98702	96.068	ug/l	94
17) Carbon Disulfide	4.712	76	86915	14.550	ug/l	99
18) Methyl Acetate	5.024	43	80320	19.022	ug/l #	62
19) Methyl tert-butyl Ether	5.806	73	122951	18.757	ug/l #	91
20) Methylene Chloride	5.283	84	42801	17.119	ug/l #	79
21) trans-1,2-Dichloroethene	5.794	96	37260	16.805	ug/l	86
22) Diisopropyl ether	6.677	45	135448	20.247	ug/l #	91
23) Vinyl Acetate	6.606	43	390045	94.790	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	76259	18.491	ug/l	97
25) 2-Butanone	7.494	43	139130	93.332	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	64750	19.133	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	43835	17.290	ug/l	84
28) Bromochloromethane	7.818	49	34138	18.308	ug/l #	80
29) Tetrahydrofuran	7.841	42	90261	95.147	ug/l #	75
30) Chloroform	7.971	83	78616	18.309	ug/l	93
31) Cyclohexane	8.259	56	62631	17.731	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	67147	18.346	ug/l	96
36) 1,1-Dichloropropene	8.377	75	57350	17.815	ug/l	92
37) Ethyl Acetate	7.565	43	55787	17.374	ug/l #	92
38) Carbon Tetrachloride	8.365	117	55568	16.680	ug/l	98
39) Methylcyclohexane	9.606	83	55129	17.361	ug/l #	85
40) Benzene	8.612	78	167320	16.978	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.788	41	29959	18.505	ug/l	#	83
42) 1,2-Dichloroethane	8.677	62	61381	18.092	ug/l		99
43) Isopropyl Acetate	8.688	43	95338	18.197	ug/l	#	91
44) Trichloroethene	9.359	130	40927	16.858	ug/l		98
45) 1,2-Dichloropropane	9.624	63	45933	18.780	ug/l		96
46) Dibromomethane	9.718	93	30334	18.270	ug/l		95
47) Bromodichloromethane	9.894	83	59803	17.585	ug/l		94
48) Methyl methacrylate	9.682	41	41603	17.728	ug/l		86
49) 1,4-Dioxane	9.700	88	15855	328.469	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.447	43	287170	94.421	ug/l		90
52) Toluene	10.635	92	105742	17.459	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	63198	17.624	ug/l		97
54) cis-1,3-Dichloropropene	10.318	75	68495	17.859	ug/l	#	88
55) 1,1,2-Trichloroethane	11.018	97	42559	17.909	ug/l		97
56) Ethyl methacrylate	10.876	69	60027	17.894	ug/l	#	80
57) 1,3-Dichloropropane	11.165	76	74698	18.183	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	137728	104.396	ug/l		89
59) 2-Hexanone	11.200	43	204689	92.920	ug/l		86
60) Dibromochloromethane	11.365	129	42451	16.784	ug/l		99
61) 1,2-Dibromoethane	11.470	107	40744	17.180	ug/l		98
64) Tetrachloroethene	11.106	164	32763	16.351	ug/l		97
65) Chlorobenzene	11.894	112	108830	17.482	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	39463	16.905	ug/l		97
67) Ethyl Benzene	11.965	91	191933	18.025	ug/l		96
68) m/p-Xylenes	12.076	106	143482	36.151	ug/l		96
69) o-Xylene	12.400	106	78449	20.609	ug/l		95
70) Styrene	12.417	104	124167	20.282	ug/l		96
71) Bromoform	12.582	173	31402	18.222	ug/l	#	99
73) Isopropylbenzene	12.700	105	197193	19.909	ug/l		100
74) N-amyl acetate	12.500	43	76476	20.352	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	65855	17.855	ug/l		99
76) 1,2,3-Trichloropropane	13.000	75	62480m	21.295	ug/l		
77) Bromobenzene	12.988	156	44333	17.677	ug/l		92
78) n-propylbenzene	13.041	91	237056	21.306	ug/l		96
79) 2-Chlorotoluene	13.129	91	143823	19.764	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	168082	20.366	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.741	75	18209	17.062	ug/l	#	77
82) 4-Chlorotoluene	13.223	91	132918	19.438	ug/l		99
83) tert-Butylbenzene	13.441	119	125203	18.338	ug/l		97
84) 1,2,4-Trimethylbenzene	13.488	105	147320	18.744	ug/l		99
85) sec-Butylbenzene	13.623	105	168284	17.904	ug/l		100
86) p-Isopropyltoluene	13.735	119	135539	18.050	ug/l		99
87) 1,3-Dichlorobenzene	13.741	146	67334	16.369	ug/l		97
88) 1,4-Dichlorobenzene	13.817	146	65860	15.845	ug/l		98
89) n-Butylbenzene	14.059	91	110072	18.640	ug/l		97
90) Hexachloroethane	14.335	117	25515	16.732	ug/l		89
91) 1,2-Dichlorobenzene	14.111	146	69753	17.177	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8836	15.760	ug/l		97
93) 1,2,4-Trichlorobenzene	15.394	180	20910	14.329	ug/l		98
94) Hexachlorobutadiene	15.506	225	16311	14.209	ug/l		97
95) Naphthalene	15.647	128	54964	12.682	ug/l		98
96) 1,2,3-Trichlorobenzene	15.847	180	24514	14.241	ug/l		97

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

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Dadoda

09/18/2023

