

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082340.D
 Acq On : 28 May 2024 12:16
 Operator : JC\MD
 Sample : VN0528WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Quant Time: May 29 06:46:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/29/2024
 Supervised By : Mahesh Dadoda 05/29/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	243544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	407676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167445	43.542	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.080%		
35) Dibromofluoromethane	8.165	113	116526	46.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.920%		
50) Toluene-d8	10.571	98	432110	44.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.880%		
62) 4-Bromofluorobenzene	12.847	95	155903	45.429	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	56405	16.064	ug/l	99
3) Chloromethane	2.359	50	55259	13.886	ug/l	96
4) Vinyl Chloride	2.512	62	54778	14.643	ug/l	100
5) Bromomethane	2.959	94	33488	15.574	ug/l	97
6) Chloroethane	3.124	64	38284	15.673	ug/l	99
7) Trichlorofluoromethane	3.500	101	89706	18.312	ug/l	96
8) Diethyl Ether	3.965	74	32055	18.368	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	49876	17.429	ug/l	98
10) Methyl Iodide	4.589	142	41453	14.409	ug/l	93
11) Tert butyl alcohol	5.524	59	59102	95.742	ug/l	98
12) 1,1-Dichloroethene	4.342	96	46902	17.634	ug/l	81
13) Acrolein	4.177	56	42555	93.027	ug/l	95
14) Allyl chloride	5.024	41	85687	15.047	ug/l #	88
15) Acrylonitrile	5.718	53	134344	84.031	ug/l	98
16) Acetone	4.430	43	128039	81.164	ug/l	96
17) Carbon Disulfide	4.712	76	121079	14.094	ug/l	97
18) Methyl Acetate	5.030	43	67487	17.178	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	180360	18.552	ug/l	95
20) Methylene Chloride	5.271	84	54828	17.226	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	47574	16.413	ug/l #	78
22) Diisopropyl ether	6.671	45	193919	16.308	ug/l #	93
23) Vinyl Acetate	6.606	43	782176	83.430	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	101388	16.542	ug/l	95
25) 2-Butanone	7.483	43	202715	84.754	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	94173	18.344	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	61279	17.914	ug/l	86
28) Bromochloromethane	7.812	49	42593	15.423	ug/l #	82
29) Tetrahydrofuran	7.841	42	127673	83.138	ug/l	88
30) Chloroform	7.965	83	103724	17.722	ug/l	98
31) Cyclohexane	8.253	56	92381	15.041	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	95662	18.423	ug/l	94
36) 1,1-Dichloropropene	8.371	75	71695	17.046	ug/l	95
37) Ethyl Acetate	7.565	43	83036	17.641	ug/l	95
38) Carbon Tetrachloride	8.365	117	81889	19.206	ug/l	98
39) Methylcyclohexane	9.606	83	76294	16.548	ug/l #	89
40) Benzene	8.606	78	218405	17.413	ug/l	98

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41) Methacrylonitrile	7.777	41	46634	16.846	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	85995	17.827	ug/l	95
43) Isopropyl Acetate	8.688	43	155312	18.621	ug/l #	88
44) Trichloroethene	9.353	130	52122	18.294	ug/l	95
45) 1,2-Dichloropropane	9.624	63	55039	17.008	ug/l	100
46) Dibromomethane	9.712	93	38982	18.348	ug/l	98
47) Bromodichloromethane	9.888	83	83197	18.549	ug/l	99
48) Methyl methacrylate	9.682	41	70085	17.635	ug/l #	82
49) 1,4-Dioxane	9.700	88	22980	412.635	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	429237	90.578	ug/l	90
52) Toluene	10.629	92	137557	18.276	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	88285	19.032	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	92102	18.757	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	52205	19.086	ug/l	96
56) Ethyl methacrylate	10.876	69	89530	19.279	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	89941	17.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	193996	80.988	ug/l	92
59) 2-Hexanone	11.194	43	321665	92.703	ug/l	90
60) Dibromochloromethane	11.359	129	61451	20.358	ug/l	99
61) 1,2-Dibromoethane	11.470	107	52322	18.623	ug/l	100
64) Tetrachloroethene	11.106	164	52003	19.480	ug/l	97
65) Chlorobenzene	11.894	112	145504	18.287	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	53155	20.281	ug/l	98
67) Ethyl Benzene	11.965	91	262007	18.408	ug/l	95
68) m/p-Xylenes	12.076	106	193775	37.145	ug/l	93
69) o-Xylene	12.400	106	95308	18.861	ug/l	94
70) Styrene	12.412	104	159542	19.008	ug/l	97
71) Bromoform	12.576	173	39915	19.581	ug/l #	99
73) Isopropylbenzene	12.694	105	250525	19.099	ug/l	98
74) N-amyl acetate	12.494	43	128847	17.858	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	69240	18.312	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	67329m	19.374	ug/l	
77) Bromobenzene	12.982	156	60623	19.393	ug/l	94
78) n-propylbenzene	13.035	91	279266	17.979	ug/l	98
79) 2-Chlorotoluene	13.123	91	175469	17.990	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	199446	18.804	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	30694	20.658	ug/l	89
82) 4-Chlorotoluene	13.223	91	171425	17.976	ug/l	95
83) tert-Butylbenzene	13.441	119	174217	18.775	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	203487	18.752	ug/l	98
85) sec-Butylbenzene	13.617	105	236966	18.424	ug/l	98
86) p-Isopropyltoluene	13.729	119	195388	18.693	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	103177	18.218	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	105924	18.325	ug/l	98
89) n-Butylbenzene	14.059	91	167789	17.860	ug/l	99
90) Hexachloroethane	14.335	117	36237	18.711	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	101134	18.866	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15428	19.859	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	53943	17.952	ug/l	98
94) Hexachlorobutadiene	15.500	225	24079	18.262	ug/l	98
95) Naphthalene	15.641	128	192033	20.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	55793	18.547	ug/l	98

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

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