

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082365.D
 Acq On : 29 May 2024 12:14
 Operator : JC\MD
 Sample : VN0529WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBS01

Quant Time: May 30 05:40:36 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 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	221514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	151464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160964	46.019	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.040%		
35) Dibromofluoromethane	8.171	113	113698	49.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.860%		
50) Toluene-d8	10.565	98	419678	47.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.180%		
62) 4-Bromofluorobenzene	12.853	95	152614	48.485	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44806	14.030	ug/l	94
3) Chloromethane	2.365	50	46012	12.713	ug/l	99
4) Vinyl Chloride	2.512	62	46046	13.532	ug/l	99
5) Bromomethane	2.965	94	28010	14.322	ug/l	95
6) Chloroethane	3.124	64	31446	14.153	ug/l	97
7) Trichlorofluoromethane	3.501	101	70147	15.743	ug/l	98
8) Diethyl Ether	3.965	74	25836	16.277	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	41275	15.858	ug/l	99
10) Methyl Iodide	4.589	142	37659	14.393	ug/l	94
11) Tert butyl alcohol	5.518	59	43111	76.783	ug/l	97
12) 1,1-Dichloroethene	4.336	96	37328	15.430	ug/l	90
13) Acrolein	4.177	56	26262	63.119	ug/l	99
14) Allyl chloride	5.018	41	70873	13.683	ug/l #	88
15) Acrylonitrile	5.718	53	110739	76.155	ug/l	99
16) Acetone	4.424	43	112959	78.726	ug/l	94
17) Carbon Disulfide	4.712	76	99162	12.691	ug/l	99
18) Methyl Acetate	5.024	43	55405	15.505	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	146038	16.515	ug/l	99
20) Methylene Chloride	5.277	84	45305	15.650	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	38765	14.704	ug/l #	82
22) Diisopropyl ether	6.671	45	163267	15.096	ug/l #	95
23) Vinyl Acetate	6.606	43	631018	74.000	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	85129	15.271	ug/l	95
25) 2-Butanone	7.483	43	167065	76.796	ug/l #	86
26) 2,2-Dichloropropane	7.489	77	78566	16.826	ug/l	94
27) cis-1,2-Dichloroethene	7.489	96	48613	15.625	ug/l	77
28) Bromochloromethane	7.818	49	53492	21.463	ug/l #	80
29) Tetrahydrofuran	7.836	42	102752	73.565	ug/l #	86
30) Chloroform	7.965	83	84520	15.877	ug/l	97
31) Cyclohexane	8.259	56	77315	13.840	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	78323	16.584	ug/l	92
36) 1,1-Dichloropropene	8.371	75	57830	14.990	ug/l	97
37) Ethyl Acetate	7.559	43	66461	15.394	ug/l	94
38) Carbon Tetrachloride	8.359	117	66018	16.881	ug/l #	97
39) Methylcyclohexane	9.600	83	64584	15.273	ug/l #	89
40) Benzene	8.606	78	181698	15.794	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	37663	14.833	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	71361	16.129	ug/l	95
43) Isopropyl Acetate	8.688	43	120276	15.722	ug/l #	90
44) Trichloroethene	9.353	130	42328	16.198	ug/l	90
45) 1,2-Dichloropropane	9.624	63	47454	15.988	ug/l	93
46) Dibromomethane	9.712	93	31693	16.264	ug/l	98
47) Bromodichloromethane	9.888	83	67800	16.481	ug/l #	97
48) Methyl methacrylate	9.683	41	56648	15.540	ug/l #	82
49) 1,4-Dioxane	9.700	88	17263	337.959	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	343958	79.134	ug/l	90
52) Toluene	10.630	92	112543	16.302	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	72252	16.982	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	73611	16.345	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	42425	16.910	ug/l	99
56) Ethyl methacrylate	10.877	69	71386	16.759	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	75969	16.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	122350	55.689	ug/l	93
59) 2-Hexanone	11.194	43	262478	82.474	ug/l	89
60) Dibromochloromethane	11.359	129	49612	17.919	ug/l	99
61) 1,2-Dibromoethane	11.471	107	41699	16.182	ug/l	98
64) Tetrachloroethene	11.106	164	40457	16.587	ug/l	98
65) Chlorobenzene	11.894	112	121013	16.646	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	42602	17.791	ug/l	99
67) Ethyl Benzene	11.965	91	219526	16.880	ug/l	98
68) m/p-Xylenes	12.071	106	159343	33.431	ug/l	94
69) o-Xylene	12.400	106	78904	17.090	ug/l	92
70) Styrene	12.412	104	131111	17.096	ug/l	95
71) Bromoform	12.576	173	31660	17.091	ug/l #	100
73) Isopropylbenzene	12.694	105	204615	17.005	ug/l	97
74) N-amyl acetate	12.494	43	101662	15.360	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	55425	15.979	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	54323m	17.040	ug/l	
77) Bromobenzene	12.982	156	47584	16.594	ug/l	89
78) n-propylbenzene	13.035	91	238765	16.757	ug/l	98
79) 2-Chlorotoluene	13.124	91	145049	16.211	ug/l	93
80) 1,3,5-Trimethylbenzene	13.171	105	165035	16.962	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	23760	17.432	ug/l	89
82) 4-Chlorotoluene	13.223	91	146084	16.699	ug/l	95
83) tert-Butylbenzene	13.441	119	142784	16.774	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	168439	16.921	ug/l	96
85) sec-Butylbenzene	13.618	105	198304	16.808	ug/l	98
86) p-Isopropyltoluene	13.729	119	166953	17.412	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	87610	16.863	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	87816	16.562	ug/l	96
89) n-Butylbenzene	14.059	91	142998	16.592	ug/l	98
90) Hexachloroethane	14.335	117	30114	16.951	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	83901	17.061	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12501	17.541	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	46952	17.033	ug/l	99
94) Hexachlorobutadiene	15.500	225	21288	17.600	ug/l	100
95) Naphthalene	15.641	128	151439	17.531	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	46009	16.673	ug/l	96

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

