

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080139.D
 Acq On : 16 Nov 2023 17:34
 Operator : JC\MD
 Sample : VN1116WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS01

Quant Time: Nov 17 01:24:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/17/2023
 Supervised By : Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	273772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	437937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	397769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	220859	48.858	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.720%		
35) Dibromofluoromethane	8.171	113	159684	49.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.840%		
50) Toluene-d8	10.571	98	597014	51.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.500%		
62) 4-Bromofluorobenzene	12.853	95	222261	50.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77572	19.022	ug/l	97
3) Chloromethane	2.359	50	56609	18.463	ug/l	93
4) Vinyl Chloride	2.512	62	61428	18.932	ug/l	100
5) Bromomethane	2.953	94	39664	18.007	ug/l	91
6) Chloroethane	3.118	64	39075	18.376	ug/l	99
7) Trichlorofluoromethane	3.500	101	124623	18.412	ug/l	99
8) Diethyl Ether	3.959	74	37723	19.164	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	57585	18.614	ug/l	93
10) Methyl Iodide	4.589	142	62262	18.622	ug/l #	88
11) Tert butyl alcohol	5.518	59	50260	101.105	ug/l	99
12) 1,1-Dichloroethene	4.342	96	54083	18.691	ug/l	92
13) Acrolein	4.177	56	43345	98.527	ug/l	97
14) Allyl chloride	5.024	41	78726	21.625	ug/l	91
15) Acrylonitrile	5.718	53	134607	100.867	ug/l	98
16) Acetone	4.430	43	120193	79.163	ug/l	97
17) Carbon Disulfide	4.712	76	148917	17.236	ug/l	97
18) Methyl Acetate	5.024	43	90768	18.607	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	196301	19.210	ug/l	98
20) Methylene Chloride	5.277	84	64380	20.248	ug/l	90
21) trans-1,2-Dichloroethene	5.788	96	60326	18.977	ug/l #	82
22) Diisopropyl ether	6.671	45	165214	20.512	ug/l	95
23) Vinyl Acetate	6.606	43	500356	103.331	ug/l	92
24) 1,1-Dichloroethane	6.565	63	113358	19.323	ug/l	98
25) 2-Butanone	7.488	43	168845	93.599	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	107765	18.516	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	67817	18.817	ug/l	86
28) Bromochloromethane	7.812	49	48657	21.098	ug/l	95
29) Tetrahydrofuran	7.841	42	103526	106.896	ug/l	90
30) Chloroform	7.965	83	125888	19.199	ug/l	94
31) Cyclohexane	8.259	56	94327	19.188	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	121707	19.033	ug/l	99
36) 1,1-Dichloropropene	8.371	75	89543	19.140	ug/l	95
37) Ethyl Acetate	7.565	43	68153	21.002	ug/l	97
38) Carbon Tetrachloride	8.365	117	110075	18.541	ug/l	97
39) Methylcyclohexane	9.606	83	88760	19.676	ug/l	90
40) Benzene	8.606	78	256730	19.308	ug/l	94

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41) Methacrylonitrile	7.782	41	35150	19.724	ug/l	92
42) 1,2-Dichloroethane	8.671	62	104389	19.189	ug/l	96
43) Isopropyl Acetate	8.694	43	116972	18.523	ug/l	97
44) Trichloroethene	9.353	130	66405	19.039	ug/l	96
45) 1,2-Dichloropropane	9.624	63	61516	19.908	ug/l	97
46) Dibromomethane	9.712	93	46900	20.051	ug/l	94
47) Bromodichloromethane	9.894	83	101563	19.739	ug/l	99
48) Methyl methacrylate	9.682	41	66011	20.284	ug/l	90
49) 1,4-Dioxane	9.700	88	22855	422.149	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	346162	105.880	ug/l	98
52) Toluene	10.629	92	164223	19.735	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	99252	18.775	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	107007	19.813	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	60819	19.150	ug/l	95
56) Ethyl methacrylate	10.876	69	68681	21.168	ug/l #	89
57) 1,3-Dichloropropane	11.165	76	108110	19.496	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	196102	107.283	ug/l	95
59) 2-Hexanone	11.200	43	255693	97.327	ug/l	97
60) Dibromochloromethane	11.365	129	73246	19.263	ug/l	99
61) 1,2-Dibromoethane	11.470	107	63425	19.575	ug/l	97
64) Tetrachloroethene	11.106	164	58801	19.370	ug/l	95
65) Chlorobenzene	11.894	112	165646	18.378	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	67679	19.350	ug/l	95
67) Ethyl Benzene	11.965	91	306365	19.102	ug/l	98
68) m/p-Xylenes	12.076	106	229010	39.162	ug/l	90
69) o-Xylene	12.400	106	106948	19.406	ug/l	85
70) Styrene	12.417	104	161809	19.727	ug/l	92
71) Bromoform	12.582	173	51235	19.753	ug/l #	99
73) Isopropylbenzene	12.700	105	289179	19.419	ug/l	99
74) N-amyl acetate	12.494	43	91854	19.779	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	84630	18.988	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	85304m	18.167	ug/l	
77) Bromobenzene	12.982	156	70610	18.807	ug/l	98
78) n-propylbenzene	13.041	91	325319	19.536	ug/l	99
79) 2-Chlorotoluene	13.129	91	206158	19.061	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	252352	19.467	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	27620	19.874	ug/l	91
82) 4-Chlorotoluene	13.223	91	213570	19.275	ug/l	95
83) tert-Butylbenzene	13.441	119	196924	18.943	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	247671	19.403	ug/l	98
85) sec-Butylbenzene	13.617	105	255305	19.414	ug/l	99
86) p-Isopropyltoluene	13.735	119	227816	19.393	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	124007	18.332	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	124247	18.277	ug/l	98
89) n-Butylbenzene	14.059	91	181050	18.413	ug/l	98
90) Hexachloroethane	14.335	117	42871	18.719	ug/l	75
91) 1,2-Dichlorobenzene	14.111	146	120466	18.610	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19241	18.586	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	63304	16.815	ug/l	100
94) Hexachlorobutadiene	15.506	225	35008	16.158	ug/l	97
95) Naphthalene	15.647	128	176330	16.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	59399	16.832	ug/l	94

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

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