

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083275.D
 Acq On : 14 Aug 2024 03:46
 Operator : JC\MD
 Sample : VN0813WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS02

Quant Time: Aug 14 04:45:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 03:26:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142487	59.023	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.040%			
35) Dibromofluoromethane	8.165	113	106260	57.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.420%			
50) Toluene-d8	10.565	98	394121	56.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.780%#			
62) 4-Bromofluorobenzene	12.847	95	146002	54.057	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33849	17.599	ug/l	99
3) Chloromethane	2.365	50	33047	16.783	ug/l	99
4) Vinyl Chloride	2.512	62	36236	18.035	ug/l	98
5) Bromomethane	2.959	94	21722	17.423	ug/l	94
6) Chloroethane	3.124	64	23639	18.805	ug/l	98
7) Trichlorofluoromethane	3.500	101	61386	18.494	ug/l	97
8) Diethyl Ether	3.965	74	21860	17.699	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	33140	18.109	ug/l	100
10) Methyl Iodide	4.595	142	35805	14.874	ug/l	95
11) Tert butyl alcohol	5.530	59	40187	80.102	ug/l	99
12) 1,1-Dichloroethene	4.336	96	31431	16.718	ug/l	91
13) Acrolein	4.183	56	23023	70.412	ug/l	99
14) Allyl chloride	5.024	41	51921	14.614	ug/l	93
15) Acrylonitrile	5.718	53	90598	87.805	ug/l	99
16) Acetone	4.430	43	78811	83.430	ug/l	100
17) Carbon Disulfide	4.712	76	82844	15.059	ug/l	98
18) Methyl Acetate	5.030	43	52569	18.678	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	122871	18.106	ug/l	96
20) Methylene Chloride	5.271	84	36380	16.734	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	33607	17.295	ug/l	100
22) Diisopropyl ether	6.671	45	122037	18.273	ug/l	95
23) Vinyl Acetate	6.606	43	593011	86.631	ug/l	96
24) 1,1-Dichloroethane	6.565	63	66489	18.265	ug/l	96
25) 2-Butanone	7.483	43	124095	85.556	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	41727	12.343	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	41678	17.775	ug/l	92
28) Bromochloromethane	7.812	49	28506	19.162	ug/l	86
29) Tetrahydrofuran	7.841	42	81343	86.754	ug/l	89
30) Chloroform	7.965	83	72086	19.061	ug/l	96
31) Cyclohexane	8.259	56	59840	16.727	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	65955	18.425	ug/l	92
36) 1,1-Dichloropropene	8.371	75	49237	17.525	ug/l	98
37) Ethyl Acetate	7.565	43	49085	15.604	ug/l #	96
38) Carbon Tetrachloride	8.365	117	56395	17.822	ug/l	96
39) Methylcyclohexane	9.606	83	56648	16.416	ug/l	88
40) Benzene	8.606	78	151108	18.055	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	29169	16.309	ug/l	94
42) 1,2-Dichloroethane	8.671	62	56238	18.446	ug/l	98
43) Isopropyl Acetate	8.688	43	95982	16.124	ug/l	96
44) Trichloroethene	9.353	130	34744	17.441	ug/l	92
45) 1,2-Dichloropropane	9.624	63	36870	18.559	ug/l	99
46) Dibromomethane	9.712	93	25996	18.281	ug/l	99
47) Bromodichloromethane	9.888	83	58203	18.229	ug/l	98
48) Methyl methacrylate	9.682	41	41678	16.026	ug/l	91
49) 1,4-Dioxane	9.694	88	16192	345.108	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	264354	88.869	ug/l	95
52) Toluene	10.629	92	94101	17.795	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	52581	16.032	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	55272	15.844	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	35804	18.893	ug/l	98
56) Ethyl methacrylate	10.876	69	59880	16.761	ug/l	92
57) 1,3-Dichloropropane	11.165	76	61112	18.092	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	123392	81.708	ug/l	96
59) 2-Hexanone	11.194	43	195855	85.106	ug/l	94
60) Dibromochloromethane	11.359	129	40262	17.572	ug/l	99
61) 1,2-Dibromoethane	11.471	107	36361	18.264	ug/l	100
64) Tetrachloroethene	11.106	164	30034	17.464	ug/l	97
65) Chlorobenzene	11.894	112	100609	17.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35540	17.561	ug/l	98
67) Ethyl Benzene	11.965	91	181963	17.285	ug/l	97
68) m/p-Xylenes	12.070	106	138416	35.101	ug/l	98
69) o-Xylene	12.400	106	67628	17.389	ug/l	100
70) Styrene	12.412	104	114658	17.553	ug/l	97
71) Bromoform	12.576	173	26244	17.117	ug/l #	97
73) Isopropylbenzene	12.694	105	177300	18.263	ug/l	99
74) N-amyl acetate	12.494	43	78606	16.553	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	50582	18.421	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	44585m	17.502	ug/l	
77) Bromobenzene	12.976	156	38837	18.008	ug/l	93
78) n-propylbenzene	13.035	91	200224	17.911	ug/l	100
79) 2-Chlorotoluene	13.123	91	127283	17.959	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	147621	18.162	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	14897	12.721	ug/l	98
82) 4-Chlorotoluene	13.223	91	127316	17.909	ug/l	97
83) tert-Butylbenzene	13.441	119	128617	17.869	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	145525	17.766	ug/l	99
85) sec-Butylbenzene	13.617	105	174285	17.745	ug/l	100
86) p-Isopropyltoluene	13.729	119	143004	17.634	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	69743	17.187	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	72861	17.810	ug/l	97
89) n-Butylbenzene	14.053	91	118949	16.928	ug/l	99
90) Hexachloroethane	14.335	117	27093	17.293	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	70861	18.045	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11135	16.712	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	36300	16.500	ug/l	98
94) Hexachlorobutadiene	15.506	225	15676	16.022	ug/l	96
95) Naphthalene	15.641	128	126970	16.293	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36551	16.791	ug/l	98

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

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