

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082133.D
 Acq On : 15 May 2024 15:01
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 16 04:59:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	17384	5.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.560%#		
35) Dibromofluoromethane	8.165	113	10952	5.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.740%#		
50) Toluene-d8	10.565	98	43064	5.508	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.020%#		
62) 4-Bromofluorobenzene	12.847	95	14748	5.285	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	10.580%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	14241	5.185	ug/l	92
3) Chloromethane	2.359	50	16363	5.257	ug/l	94
4) Vinyl Chloride	2.518	62	14724	5.032	ug/l	91
5) Bromomethane	2.948	94	9665	5.746	ug/l	96
6) Chloroethane	3.118	64	10346	5.415	ug/l	94
7) Trichlorofluoromethane	3.500	101	20762	5.418	ug/l	99
8) Diethyl Ether	3.953	74	7347	5.382	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.365	101	11702	5.228	ug/l	99
10) Methyl Iodide	4.583	142	10610	4.715	ug/l	93
11) Tert butyl alcohol	5.524	59	12621	26.138	ug/l #	86
12) 1,1-Dichloroethene	4.336	96	10590	5.090	ug/l	82
13) Acrolein	4.183	56	7837	21.902	ug/l	97
14) Allyl chloride	5.024	41	22669	5.089	ug/l #	91
15) Acrylonitrile	5.718	53	33119	26.484	ug/l	98
16) Acetone	4.436	43	30842	24.994	ug/l	92
17) Carbon Disulfide	4.712	76	33834	5.035	ug/l	96
18) Methyl Acetate	5.030	43	16598	5.401	ug/l #	64
19) Methyl tert-butyl Ether	5.789	73	39487	5.192	ug/l	94
20) Methylene Chloride	5.277	84	13797	5.542	ug/l #	79
21) trans-1,2-Dichloroethene	5.783	96	11643	5.135	ug/l #	75
22) Diisopropyl ether	6.671	45	47995	5.160	ug/l #	90
23) Vinyl Acetate	6.600	43	184683	25.184	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	25311	5.280	ug/l	92
25) 2-Butanone	7.483	43	46571	24.893	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	20602	5.131	ug/l	93
27) cis-1,2-Dichloroethene	7.483	96	14348	5.362	ug/l	84
28) Bromochloromethane	7.812	49	13793	6.248	ug/l #	75
29) Tetrahydrofuran	7.841	42	30986	25.796	ug/l #	80
30) Chloroform	7.965	83	24601	5.374	ug/l	96
31) Cyclohexane	8.253	56	28403	5.912	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	20679	5.091	ug/l #	89
36) 1,1-Dichloropropene	8.371	75	17011	4.974	ug/l	94
37) Ethyl Acetate	7.565	43	19801	5.174	ug/l	95
38) Carbon Tetrachloride	8.359	117	17804	5.136	ug/l	87
39) Methylcyclohexane	9.600	83	19406	5.177	ug/l #	81
40) Benzene	8.606	78	52634	5.161	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	11382	5.057	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	20275	5.169	ug/l	94
43) Isopropyl Acetate	8.688	43	34800	5.131	ug/l #	89
44) Trichloroethene	9.353	130	12173	5.255	ug/l	84
45) 1,2-Dichloropropane	9.624	63	13020	4.948	ug/l	98
46) Dibromomethane	9.706	93	8780	5.082	ug/l	97
47) Bromodichloromethane	9.894	83	18872	5.175	ug/l #	87
48) Methyl methacrylate	9.682	41	16304	5.045	ug/l #	81
49) 1,4-Dioxane	9.694	88	4591	101.386	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	96464	25.035	ug/l	88
52) Toluene	10.635	92	30958	5.058	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	18485	4.901	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	20414	5.113	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	12164	5.469	ug/l	89
56) Ethyl methacrylate	10.876	69	18343	4.858	ug/l #	68
57) 1,3-Dichloropropane	11.165	76	20916	5.030	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	49367	25.347	ug/l	89
59) 2-Hexanone	11.194	43	68324	24.217	ug/l	88
60) Dibromochloromethane	11.359	129	11853	4.829	ug/l	98
61) 1,2-Dibromoethane	11.471	107	11594	5.075	ug/l	100
64) Tetrachloroethene	11.106	164	11509	5.316	ug/l	94
65) Chlorobenzene	11.894	112	33246	5.152	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	10982	5.167	ug/l	99
67) Ethyl Benzene	11.965	91	58624	5.079	ug/l	95
68) m/p-Xylenes	12.070	106	42124	9.957	ug/l	90
69) o-Xylene	12.400	106	20407	4.980	ug/l	91
70) Styrene	12.412	104	32737	4.809	ug/l #	91
71) Bromoform	12.582	173	7677	5.179	ug/l #	95
73) Isopropylbenzene	12.694	105	52143	5.189	ug/l	98
74) N-amyl acetate	12.494	43	27843	5.037	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	15056	5.197	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	12863m	4.838	ug/l	
77) Bromobenzene	12.982	156	12589	5.257	ug/l	86
78) n-propylbenzene	13.035	91	60764	5.106	ug/l	95
79) 2-Chlorotoluene	13.129	91	38022	5.088	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	40486	4.982	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	5607	5.178	ug/l #	72
82) 4-Chlorotoluene	13.223	91	36791	5.036	ug/l	93
83) tert-Butylbenzene	13.441	119	36749	5.169	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	41596	5.003	ug/l	99
85) sec-Butylbenzene	13.617	105	49958	5.070	ug/l	100
86) p-Isopropyltoluene	13.729	119	39311	4.909	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	22200	5.117	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	22685	5.123	ug/l	89
89) n-Butylbenzene	14.059	91	35283	4.902	ug/l	96
90) Hexachloroethane	14.329	117	7588	5.114	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	21710	5.286	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	3104	5.215	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	11170	4.852	ug/l	97
94) Hexachlorobutadiene	15.494	225	5218	5.165	ug/l	95
95) Naphthalene	15.641	128	33674	4.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	11674	5.065	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

