

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069251.D
 Acq On : 28 Oct 2021 15:13
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 28 15:30:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 14:50:41 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/01/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	266839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	453912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	405134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	147745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	17864	4.882	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	9.760%#		
35) Dibromofluoromethane	8.024	113	13117	4.797	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.600%#		
50) Toluene-d8	10.440	98	51644	4.732	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.460%#		
62) 4-Bromofluorobenzene	12.734	95	17788	4.314	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	8.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	8100	2.788	ug/l	89
3) Chloromethane	2.303	50	11269	3.483	ug/l	97
4) Vinyl Chloride	2.445	62	12551	3.739	ug/l	98
5) Bromomethane	2.845	94	10876	5.667	ug/l	98
6) Chloroethane	3.014	64	8937	4.421	ug/l	98
7) Trichlorofluoromethane	3.371	101	22455	4.829	ug/l	99
8) Diethyl Ether	3.821	74	6830	3.960	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	10360	4.142	ug/l	96
10) Methyl Iodide	4.411	142	10240	2.858	ug/l	97
11) Tert butyl alcohol	5.382	59	11455	17.357	ug/l #	85
12) 1,1-Dichloroethene	4.170	96	9736	3.789	ug/l	91
13) Acrolein	4.044	56	3796	14.134	ug/l #	74
14) Allyl chloride	4.838	41	16604	3.661	ug/l	97
15) Acrylonitrile	5.557	53	30380	20.627	ug/l	99
16) Acetone	4.288	43	30372	22.200	ug/l	98
17) Carbon Disulfide	4.524	76	23460	3.430	ug/l	99
18) Methyl Acetate	4.859	43	21274	4.181	ug/l #	73
19) Methyl tert-butyl Ether	5.621	73	36602	3.823	ug/l	98
20) Methylene Chloride	5.087	84	13519	4.484	ug/l	93
21) trans-1,2-Dichloroethene	5.599	96	10522	3.800	ug/l	97
22) Diisopropyl ether	6.506	45	35507m	3.742	ug/l	
23) Vinyl Acetate	6.436	43	130993m	18.142	ug/l	
24) 1,1-Dichloroethane	6.385	63	20584	3.951	ug/l	99
25) 2-Butanone	7.340	43	42091	20.550	ug/l	99
26) 2,2-Dichloropropane	7.324	77	17604	3.575	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	13205	3.930	ug/l	100
28) Bromochloromethane	7.659	49	11314	4.707	ug/l #	95
29) Tetrahydrofuran	7.691	42	25601	19.354	ug/l	95
30) Chloroform	7.817	83	21904	3.969	ug/l	99
31) Cyclohexane	8.094	56	25315	4.675	ug/l #	76
32) 1,1,1-Trichloroethane	8.016	97	18434	3.598	ug/l	99
36) 1,1-Dichloropropene	8.222	75	16092	4.158	ug/l	99
37) Ethyl Acetate	7.415	43	16547	4.053	ug/l	99
38) Carbon Tetrachloride	8.206	117	15493	3.661	ug/l	95
39) Methylcyclohexane	9.459	83	20346	4.115	ug/l	99
40) Benzene	8.461	78	48699	4.138	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	8853	4.387	ug/l	98
42) 1,2-Dichloroethane	8.531	62	17997	4.280	ug/l	97
43) Isopropyl Acetate	8.563	43	27256	3.862	ug/l	98
44) Trichloroethene	9.215	130	12311	4.186	ug/l	95
45) 1,2-Dichloropropane	9.488	63	12346	4.056	ug/l	100
46) Dibromomethane	9.582	93	8647	4.120	ug/l	99
47) Bromodichloromethane	9.762	83	14907	3.474	ug/l #	98
48) Methyl methacrylate	9.561	41	12459	3.796	ug/l	92
49) 1,4-Dioxane	9.571	88	5023	84.627	ug/l	93
51) 4-Methyl-2-Pentanone	10.330	43	81953	19.642	ug/l	100
52) Toluene	10.505	92	31566	4.169	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	15387	3.173	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	17032	3.374	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	12417	4.129	ug/l	97
56) Ethyl methacrylate	10.762	69	18895	3.748	ug/l	100
57) 1,3-Dichloropropane	11.047	76	20568	4.154	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	22966	18.324	ug/l	96
59) 2-Hexanone	11.087	43	58778	19.421	ug/l	99
60) Dibromochloromethane	11.240	129	10492	3.144	ug/l	98
61) 1,2-Dibromoethane	11.347	107	11949	3.865	ug/l	99
64) Tetrachloroethene	10.977	164	11496	4.463	ug/l	97
65) Chlorobenzene	11.773	112	32653	4.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	10687	3.583	ug/l	96
67) Ethyl Benzene	11.846	91	60066	4.219	ug/l	99
68) m/p-Xylenes	11.956	106	44112	8.179	ug/l	100
69) o-Xylene	12.280	106	22264	4.122	ug/l	99
70) Styrene	12.294	104	33627	3.819	ug/l	97
71) Bromoform	12.460	173	6810	2.883	ug/l #	91
73) Isopropylbenzene	12.581	105	56160	4.582	ug/l	100
74) N-amyl acetate	12.390	43	18666	4.011	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	17322	4.802	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	15928m	4.915	ug/l	
77) Bromobenzene	12.862	156	12901	4.753	ug/l	95
78) n-propylbenzene	12.921	91	60727	4.412	ug/l	99
79) 2-Chlorotoluene	13.010	91	39446	4.641	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	45787	4.490	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	3541	2.735	ug/l #	79
82) 4-Chlorotoluene	13.106	91	37163	4.525	ug/l	100
83) tert-Butylbenzene	13.326	119	40452	4.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.372	105	44222	4.495	ug/l	99
85) sec-Butylbenzene	13.503	105	53533	4.346	ug/l	99
86) p-Isopropyltoluene	13.619	119	42052	4.261	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	21088	4.482	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	21953	4.717	ug/l	94
89) n-Butylbenzene	13.946	91	33466	4.092	ug/l	97
90) Hexachloroethane	14.214	117	6352	3.131	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	20649	4.521	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	2475	3.566	ug/l	93
93) 1,2,4-Trichlorobenzene	15.268	180	9159	4.558	ug/l	96
94) Hexachlorobutadiene	15.370	225	5185	4.074	ug/l	95
95) Naphthalene	15.509	128	25562	4.760	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	8918	4.652	ug/l	98

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

