

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069250.D
 Acq On : 28 Oct 2021 13:45
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 28 14:39:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 13:06:23 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	335240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	572847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	503041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	177656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	2074	0.583	ug/l	97
3) Chloromethane	2.303	50	3321	0.842	ug/l	100
4) Vinyl Chloride	2.443	62	3636	0.813	ug/l	100
6) Chloroethane	3.014	64	2715	0.970	ug/l	99
7) Trichlorofluoromethane	3.379	101	4735	0.812	ug/l	97
8) Diethyl Ether	3.829	74	1955	0.984	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	2765	0.891	ug/l #	93
12) 1,1-Dichloroethene	4.186	96	2637	0.870	ug/l	95
14) Allyl chloride	4.840	41	4878m	0.923	ug/l	
15) Acrylonitrile	5.562	53	9231	4.522	ug/l #	92
16) Acetone	4.296	43	10239	4.863	ug/l	95
17) Carbon Disulfide	4.535	76	8793	1.116	ug/l	96
18) Methyl Acetate	4.862	43	6793	0.941	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	10289	0.869	ug/l	99
20) Methylene Chloride	5.095	84	4659	1.130	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	3459	1.059	ug/l #	77
22) Diisopropyl ether	6.492	45	8713	0.763	ug/l #	86
23) Vinyl Acetate	6.431	43	35039m	3.899	ug/l	
24) 1,1-Dichloroethane	6.385	63	5389	0.845	ug/l #	83
25) 2-Butanone	7.343	43	13096	4.448	ug/l	97
26) 2,2-Dichloropropane	7.332	77	4850	0.837	ug/l	87
27) cis-1,2-Dichloroethene	7.329	96	3391	0.853	ug/l	87
28) Bromochloromethane	7.659	49	3095	1.012	ug/l #	99
29) Tetrahydrofuran	7.691	42	7978	4.264	ug/l	98
30) Chloroform	7.815	83	5928	0.838	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	4977	0.801	ug/l #	51
36) 1,1-Dichloropropene	8.225	75	4489	0.927	ug/l	97
37) Ethyl Acetate	7.418	43	5345m	0.939	ug/l	
38) Carbon Tetrachloride	8.214	117	4115m	0.800	ug/l	
39) Methylcyclohexane	9.456	83	5250	0.862	ug/l	94
40) Benzene	8.461	78	13011	0.872	ug/l	93
41) Methacrylonitrile	7.640	41	2726	1.011	ug/l #	80
42) 1,2-Dichloroethane	8.533	62	5192	0.944	ug/l	85
43) Isopropyl Acetate	8.568	43	7506	0.818	ug/l #	86
44) Trichloroethene	9.215	130	3426	0.946	ug/l	99
45) 1,2-Dichloropropane	9.491	63	3298	0.884	ug/l #	85

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46) Dibromomethane	9.579	93	2268	0.853	ug/l	95
47) Bromodichloromethane	9.762	83	3917	0.750	ug/l	96
48) Methyl methacrylate	9.561	41	4170	0.992	ug/l	95
49) 1,4-Dioxane	9.571	88	1552	17.605	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	24310	4.185	ug/l	99
52) Toluene	10.507	92	8558	0.889	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	4365	0.760	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	4561	0.752	ug/l	88
55) 1,1,2-Trichloroethane	10.896	97	3555	0.919	ug/l #	85
56) Ethyl methacrylate	10.762	69	5196	0.819	ug/l	94
57) 1,3-Dichloropropane	11.046	76	5835	0.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	4980	2.921	ug/l	96
59) 2-Hexanone	11.087	43	21327	4.890	ug/l	99
60) Dibromochloromethane	11.240	129	2573	0.670	ug/l	95
61) 1,2-Dibromoethane	11.347	107	3203	0.802	ug/l	97
64) Tetrachloroethene	10.982	164	3396	1.064	ug/l	88
65) Chlorobenzene	11.771	112	9806	1.015	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.846	131	2478	0.713	ug/l #	61
67) Ethyl Benzene	11.848	91	16079	0.896	ug/l	97
68) m/p-Xylenes	11.956	106	11426	1.712	ug/l	91
69) o-Xylene	12.283	106	5762	0.854	ug/l	99
70) Styrene	12.296	104	9014	0.817	ug/l	98
71) Bromoform	12.460	173	1725	0.657	ug/l #	88
73) Isopropylbenzene	12.581	105	14084	0.955	ug/l	97
74) N-amyl acetate	12.393	43	6366	1.143	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	4805	1.027	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	4896m	1.051	ug/l	
77) Bromobenzene	12.859	156	3938	1.180	ug/l	96
78) n-propylbenzene	12.921	91	16399	0.988	ug/l	99
79) 2-Chlorotoluene	13.012	91	10935	1.053	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	11927	0.991	ug/l	100
82) 4-Chlorotoluene	13.106	91	11595	1.153	ug/l	97
83) tert-Butylbenzene	13.326	119	10079	0.947	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	11781	1.000	ug/l	97
85) sec-Butylbenzene	13.506	105	13760	0.927	ug/l	98
86) p-Isopropyltoluene	13.618	119	10743	0.922	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	7096	1.233	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	8094	1.452	ug/l	92
89) n-Butylbenzene	13.946	91	10834	1.133	ug/l	98
90) Hexachloroethane	14.211	117	1433	0.676	ug/l	85
91) 1,2-Dichlorobenzene	13.991	146	7163	1.279	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	1071	1.319	ug/l	73
93) 1,2,4-Trichlorobenzene	15.268	180	4983	2.079	ug/l	96
94) Hexachlorobutadiene	15.370	225	1575m	1.186	ug/l	
95) Naphthalene	15.512	128	20633	2.844	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	5428	2.353	ug/l	97

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

