

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069414.D
 Acq On : 9 Nov 2021 9:51
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Semsettin Yesilyurt 11/17/2021

Quant Time: Nov 09 13:43:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 13:40:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	961529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1664156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1436882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	479924	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	8867	1.030	ug/l	99
3) Chloromethane	2.306	50	13145	1.430	ug/l #	86
4) Vinyl Chloride	2.445	62	11940	1.118	ug/l	98
6) Chloroethane	3.027	64	8972	1.226	ug/l	97
7) Trichlorofluoromethane	3.379	101	18483	0.971	ug/l	98
8) Diethyl Ether	3.835	74	6374m	1.325	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.221	101	8679	1.157	ug/l #	68
12) 1,1-Dichloroethene	4.175	96	7374	1.065	ug/l	91
14) Allyl chloride	4.843	41	17064m	1.333	ug/l	
15) Acrylonitrile	5.567	53	29162	5.957	ug/l	97
16) Acetone	4.291	43	36492	6.656	ug/l	100
17) Carbon Disulfide	4.532	76	17760	1.130	ug/l	98
18) Methyl Acetate	4.862	43	25320	1.385	ug/l #	63
19) Methyl tert-butyl Ether	5.624	73	30516	1.116	ug/l	97
20) Methylene Chloride	5.098	84	12570	1.358	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	8569m	1.124	ug/l	
22) Diisopropyl ether	6.503	45	33722	1.233	ug/l #	91
23) Vinyl Acetate	6.436	43	123296m	5.849	ug/l	
24) 1,1-Dichloroethane	6.385	63	18529m	1.232	ug/l	
25) 2-Butanone	7.340	43	44460	6.118	ug/l #	86
26) 2,2-Dichloropropane	7.335	77	12132m	0.962	ug/l	
27) cis-1,2-Dichloroethene	7.324	96	10233	1.080	ug/l	83
28) Bromochloromethane	7.654	49	10234	1.290	ug/l #	79
29) Tetrahydrofuran	7.697	42	25007	5.549	ug/l	93
30) Chloroform	7.823	83	18296	1.125	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	14291	1.023	ug/l #	49
36) 1,1-Dichloropropene	8.220	75	12949	1.027	ug/l	90
37) Ethyl Acetate	7.415	43	15356	1.008	ug/l #	79
38) Carbon Tetrachloride	8.201	117	11763m	0.925	ug/l	
39) Methylcyclohexane	9.461	83	15523	0.979	ug/l	99
40) Benzene	8.456	78	41303	1.065	ug/l	99
41) Methacrylonitrile	7.640	41	9969	1.359	ug/l #	69
42) 1,2-Dichloroethane	8.531	62	16152	1.120	ug/l	89
43) Isopropyl Acetate	8.563	43	24859	1.048	ug/l #	88
44) Trichloroethene	9.212	130	9122	0.900	ug/l	93
45) 1,2-Dichloropropane	9.486	63	10542	1.051	ug/l #	77

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.579	93	7353	1.052	ug/l #	82
47) Bromodichloromethane	9.765	83	11292	0.885	ug/l	94
48) Methyl methacrylate	9.561	41	11633	1.085	ug/l	92
49) 1,4-Dioxane	9.577	88	3585	15.397	ug/l #	71
51) 4-Methyl-2-Pentanone	10.330	43	78420	5.093	ug/l	92
52) Toluene	10.505	92	23286	0.937	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	10196	0.772	ug/l	95
54) cis-1,3-Dichloropropene	10.191	75	12071	0.834	ug/l #	86
55) 1,1,2-Trichloroethane	10.896	97	9166	0.912	ug/l	90
56) Ethyl methacrylate	10.765	69	12889	0.847	ug/l #	79
57) 1,3-Dichloropropane	11.041	76	17327	1.029	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	11514	3.437	ug/l	95
59) 2-Hexanone	11.087	43	51629	4.517	ug/l	92
60) Dibromochloromethane	11.237	129	7061	0.746	ug/l	100
61) 1,2-Dibromoethane	11.347	107	8468	0.829	ug/l	100
64) Tetrachloroethene	10.979	164	8979	1.015	ug/l #	86
65) Chlorobenzene	11.771	112	25134	0.982	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	7737	0.859	ug/l #	67
67) Ethyl Benzene	11.846	91	44762	0.997	ug/l	98
68) m/p-Xylenes	11.953	106	31067	1.998	ug/l	97
69) o-Xylene	12.283	106	15068	0.890	ug/l	95
70) Styrene	12.291	104	22154	0.829	ug/l	95
71) Bromoform	12.460	173	4416	0.681	ug/l #	90
73) Isopropylbenzene	12.578	105	38179	1.109	ug/l	98
74) N-amyl acetate	12.390	43	13073	1.066	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	14350	1.291	ug/l	96
76) 1,2,3-Trichloropropane	12.881	75	11092m	1.072	ug/l	
77) Bromobenzene	12.859	156	8984	1.057	ug/l	73
78) n-propylbenzene	12.924	91	40107	1.072	ug/l	98
79) 2-Chlorotoluene	13.007	91	26479	1.142	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	28292	1.030	ug/l	97
82) 4-Chlorotoluene	13.109	91	24180	1.101	ug/l	89
83) tert-Butylbenzene	13.323	119	25087	0.996	ug/l	91
84) 1,2,4-Trimethylbenzene	13.366	105	26434	0.994	ug/l	99
85) sec-Butylbenzene	13.503	105	33080	0.984	ug/l	97
86) p-Isopropyltoluene	13.616	119	25760	0.944	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	14701	1.011	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	14896m	1.035	ug/l	
89) n-Butylbenzene	13.943	91	20562	0.963	ug/l	91
90) Hexachloroethane	14.211	117	3984	0.907	ug/l	76
91) 1,2-Dichlorobenzene	13.991	146	13716	0.962	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.600	75	1303	0.735	ug/l	86
93) 1,2,4-Trichlorobenzene	15.268	180	4282	0.659	ug/l	96
94) Hexachlorobutadiene	15.362	225	3377	0.836	ug/l	91
95) Naphthalene	15.504	128	11129	0.632	ug/l	97
96) 1,2,3-Trichlorobenzene	15.702	180	4119	0.644	ug/l	92

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

