

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075336.D
 Acq On : 21 Nov 2022 11:06
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Nov 22 08:02:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 05:07:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105334	50.000	ug/l	0.00

11/23/2022
 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

11/23/2022

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	1275	1.103	ug/l	72
3) Chloromethane	2.371	50	1891	1.383	ug/l #	79
4) Vinyl Chloride	2.530	62	2023	1.123	ug/l	97
7) Trichlorofluoromethane	3.501	101	2836	1.101	ug/l	99
8) Diethyl Ether	3.983	74	840	0.897	ug/l #	10
9) 1,1,2-Trichlorotrifluo...	4.383	101	1383m	0.944	ug/l	
12) 1,1-Dichloroethene	4.359	96	1566m	1.123	ug/l	
14) Allyl chloride	5.030	41	2072m	1.145	ug/l	
15) Acrylonitrile	5.730	53	4274	5.478	ug/l #	36
16) Acetone	4.447	43	4341	12.193	ug/l	98
17) Carbon Disulfide	4.724	76	4207	1.165	ug/l #	88
18) Methyl Acetate	5.047	43	3259	1.576	ug/l #	47
19) Methyl tert-butyl Ether	5.818	73	5599	1.137	ug/l	95
20) Methylene Chloride	5.289	84	2352	1.400	ug/l #	70
21) trans-1,2-Dichloroethene	5.789	96	1976	1.271	ug/l	85
22) Diisopropyl ether	6.683	45	4266	1.020	ug/l #	83
23) Vinyl Acetate	6.612	43	16971m	5.066	ug/l	
24) 1,1-Dichloroethane	6.571	63	2756	1.030	ug/l #	82
25) 2-Butanone	7.500	43	6316	6.121	ug/l	97
26) 2,2-Dichloropropane	7.488	77	2786	1.138	ug/l	79
27) cis-1,2-Dichloroethene	7.494	96	1756	0.951	ug/l	89
28) Bromochloromethane	7.824	49	1086	0.975	ug/l #	54
29) Tetrahydrofuran	7.853	42	3487	5.409	ug/l #	81
30) Chloroform	7.977	83	3558	1.189	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	3037	1.099	ug/l #	44
36) 1,1-Dichloropropene	8.377	75	2516	1.107	ug/l #	87
37) Ethyl Acetate	7.553	43	1997	0.957	ug/l #	77
38) Carbon Tetrachloride	8.371	117	2472	0.965	ug/l #	75
39) Methylcyclohexane	9.600	83	2942	1.016	ug/l #	88
40) Benzene	8.612	78	7473	1.070	ug/l	98
41) Methacrylonitrile	7.788	41	1036	0.972	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	2509	1.078	ug/l	82
43) Isopropyl Acetate	8.688	43	3382	1.012	ug/l #	88
44) Trichloroethene	9.359	130	2053	1.072	ug/l	74
45) 1,2-Dichloropropane	9.630	63	1712	1.025	ug/l #	84
46) Dibromomethane	9.706	93	1325	1.049	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
47) Bromodichloromethane	9.894	83	2611	1.068	ug/l #	78	11/23/2022
48) Methyl methacrylate	9.677	41	1602	1.043	ug/l	88	Supervised By :Mahesh Dadoda
49) 1,4-Dioxane	9.700	88	776	17.315	ug/l #	68	
51) 4-Methyl-2-Pentanone	10.441	43	10315	4.804	ug/l	98	
52) Toluene	10.629	92	4458	0.970	ug/l	92	
53) t-1,3-Dichloropropene	10.835	75	2170	0.845	ug/l	93	
54) cis-1,3-Dichloropropene	10.312	75	2494	0.905	ug/l	92	11/23/2022
55) 1,1,2-Trichloroethane	11.018	97	2034	1.117	ug/l	94	
56) Ethyl methacrylate	10.871	69	2372	0.925	ug/l #	88	
57) 1,3-Dichloropropane	11.165	76	3268	1.098	ug/l	99	
58) 2-Chloroethyl Vinyl ether	10.165	63	3717	3.799	ug/l	99	
59) 2-Hexanone	11.200	43	7308	4.481	ug/l	98	
60) Dibromochloromethane	11.365	129	1533	0.767	ug/l	86	
61) 1,2-Dibromoethane	11.465	107	2107	1.107	ug/l	86	
64) Tetrachloroethene	11.100	164	2097	1.216	ug/l #	92	
65) Chlorobenzene	11.888	112	5431	1.142	ug/l #	88	
66) 1,1,1,2-Tetrachloroethane	11.959	131	1960	1.093	ug/l #	62	
67) Ethyl Benzene	11.959	91	8209	0.982	ug/l	96	
68) m/p-Xylenes	12.071	106	6612	1.946	ug/l	90	
69) o-Xylene	12.394	106	3402	1.016	ug/l	90	
70) Styrene	12.406	104	4730	0.870	ug/l	100	
71) Bromoform	12.576	173	1329	0.937	ug/l #	95	
73) Isopropylbenzene	12.694	105	8065	1.084	ug/l	94	
74) N-amyl acetate	12.494	43	2155	0.906	ug/l	96	
75) 1,1,2,2-Tetrachloroethane	12.935	83	2461	1.090	ug/l	98	
76) 1,2,3-Trichloropropane	12.988	75	2201m	1.161	ug/l		
77) Bromobenzene	12.982	156	2195	1.222	ug/l	78	
78) n-propylbenzene	13.035	91	8418	0.998	ug/l	100	
79) 2-Chlorotoluene	13.118	91	5177	1.027	ug/l	97	
80) 1,3,5-Trimethylbenzene	13.170	105	6114	0.969	ug/l	97	
82) 4-Chlorotoluene	13.118	91	5177	1.027	ug/l	97	
83) tert-Butylbenzene	13.435	119	5902	1.040	ug/l	94	
84) 1,2,4-Trimethylbenzene	13.482	105	6032	0.949	ug/l	95	
85) sec-Butylbenzene	13.618	105	7362	0.936	ug/l	99	
86) p-Isopropyltoluene	13.729	119	6315	0.953	ug/l	99	
87) 1,3-Dichlorobenzene	13.729	146	3740	1.070	ug/l	95	
88) 1,4-Dichlorobenzene	13.806	146	4434m	1.292	ug/l		
89) n-Butylbenzene	14.059	91	5667	1.021	ug/l	97	
90) Hexachloroethane	14.335	117	1148	1.011	ug/l	84	
91) 1,2-Dichlorobenzene	14.106	146	3424	0.992	ug/l	93	
92) 1,2-Dibromo-3-Chloropr...	14.717	75	452	1.033	ug/l	89	
93) 1,2,4-Trichlorobenzene	15.394	180	1873	1.047	ug/l	92	
94) Hexachlorobutadiene	15.506	225	931	1.004	ug/l	73	
95) Naphthalene	15.641	128	5954	1.059	ug/l #	95	
96) 1,2,3-Trichlorobenzene	15.841	180	1961	1.133	ug/l	94	

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

