

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110121\
 Data File : VN069319.D
 Acq On : 1 Nov 2021 14:22
 Operator : JC/MD
 Sample : VN1101WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBS01

Quant Time: Nov 01 17:37:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/02/2021
 Supervised By :Semsettin Yesilyurt 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	258407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	451337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	409784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	168096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	188217	50.457	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.920%			
35) Dibromofluoromethane	8.024	113	137891	49.011	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.020%			
50) Toluene-d8	10.443	98	556075	49.433	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.860%			
62) 4-Bromofluorobenzene	12.731	95	197179	46.451	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	57880	19.592	ug/l	100
3) Chloromethane	2.303	50	61540	19.600	ug/l	99
4) Vinyl Chloride	2.443	62	71997	19.674	ug/l	100
5) Bromomethane	2.853	94	52222	24.036	ug/l	99
6) Chloroethane	3.017	64	47833	21.243	ug/l	98
7) Trichlorofluoromethane	3.373	101	111743	24.382	ug/l	99
8) Diethyl Ether	3.821	74	41153	25.243	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.205	101	50486	20.767	ug/l	99
10) Methyl Iodide	4.417	142	58634	18.141	ug/l	96
11) Tert butyl alcohol	5.393	59	69582	104.220	ug/l	100
12) 1,1-Dichloroethene	4.173	96	48479	20.858	ug/l	99
13) Acrolein	4.039	56	12735	77.526	ug/l	99
14) Allyl chloride	4.835	41	82804	20.138	ug/l	97
15) Acrylonitrile	5.559	53	166123	105.578	ug/l	100
16) Acetone	4.291	43	177754	111.845	ug/l	99
17) Carbon Disulfide	4.524	76	110041	17.780	ug/l	99
18) Methyl Acetate	4.859	43	114363	21.175	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	186261	20.368	ug/l	99
20) Methylene Chloride	5.090	84	57912	18.997	ug/l	96
21) trans-1,2-Dichloroethene	5.599	96	50440	19.219	ug/l	95
22) Diisopropyl ether	6.498	45	177439	19.070	ug/l	98
23) Vinyl Acetate	6.436	43	686697m	94.518	ug/l	
24) 1,1-Dichloroethane	6.385	63	100547	20.461	ug/l	99
25) 2-Butanone	7.340	43	242071	100.368	ug/l	100
26) 2,2-Dichloropropane	7.324	77	86529	18.469	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	62831	20.262	ug/l	99
28) Bromochloromethane	7.657	49	51280	20.827	ug/l	98
29) Tetrahydrofuran	7.689	42	149943	97.588	ug/l	96
30) Chloroform	7.820	83	108928	20.390	ug/l	96
31) Cyclohexane	8.094	56	95881	19.206	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	95392	18.798	ug/l	98
36) 1,1-Dichloropropene	8.222	75	77257	19.855	ug/l	99
37) Ethyl Acetate	7.418	43	90746	20.466	ug/l	99
38) Carbon Tetrachloride	8.206	117	80654	18.827	ug/l	96
39) Methylcyclohexane	9.459	83	94157	19.543	ug/l	98
40) Benzene	8.461	78	235151	20.092	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	44951	20.564	ug/l	97
42) 1,2-Dichloroethane	8.531	62	88551	20.105	ug/l	100
43) Isopropyl Acetate	8.563	43	143857	18.891	ug/l	99
44) Trichloroethene	9.215	130	58731	19.928	ug/l	97
45) 1,2-Dichloropropane	9.494	63	60177	20.196	ug/l	100
46) Dibromomethane	9.577	93	43292	20.450	ug/l	99
47) Bromodichloromethane	9.765	83	80221	18.411	ug/l	98
48) Methyl methacrylate	9.563	41	64018	19.130	ug/l	92
49) 1,4-Dioxane	9.571	88	29328	384.062	ug/l	97
51) 4-Methyl-2-Pentanone	10.330	43	465126	96.442	ug/l	99
52) Toluene	10.505	92	153814	20.040	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	85446	17.910	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	91215	18.092	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	62175	20.191	ug/l	98
56) Ethyl methacrylate	10.762	69	98228	18.461	ug/l	97
57) 1,3-Dichloropropane	11.047	76	104165	20.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	120858	91.632	ug/l	99
59) 2-Hexanone	11.087	43	348235	95.583	ug/l	100
60) Dibromochloromethane	11.240	129	57032	17.600	ug/l	99
61) 1,2-Dibromoethane	11.347	107	63731	18.653	ug/l	99
64) Tetrachloroethene	10.980	164	51709	19.755	ug/l	96
65) Chlorobenzene	11.771	112	161425	20.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	57978	18.837	ug/l	99
67) Ethyl Benzene	11.846	91	298571	20.323	ug/l	98
68) m/p-Xylenes	11.953	106	221251	40.430	ug/l	100
69) o-Xylene	12.283	106	110049	19.981	ug/l	98
70) Styrene	12.296	104	176370	18.562	ug/l	99
71) Bromoform	12.460	173	40248	17.807	ug/l #	100
73) Isopropylbenzene	12.581	105	288064	20.387	ug/l	99
74) N-amyl acetate	12.390	43	108115	19.423	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	96479	21.390	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	86353m	19.532	ug/l	
77) Bromobenzene	12.862	156	64863	19.568	ug/l	100
78) n-propylbenzene	12.921	91	323908	20.252	ug/l	98
79) 2-Chlorotoluene	13.010	91	200685	19.923	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	241124	20.556	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	24340	19.067	ug/l	90
82) 4-Chlorotoluene	13.106	91	190647	19.190	ug/l	100
83) tert-Butylbenzene	13.326	119	204843	20.015	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	233191	20.325	ug/l	99
85) sec-Butylbenzene	13.503	105	287122	20.249	ug/l	99
86) p-Isopropyltoluene	13.616	119	226947	20.069	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	111817	19.281	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	109895	19.561	ug/l	99
89) n-Butylbenzene	13.943	91	177400	18.524	ug/l	99
90) Hexachloroethane	14.211	117	38945	18.714	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	110558	19.568	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	17210	19.450	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	47965	19.183	ug/l	99
94) Hexachlorobutadiene	15.373	225	28402	20.428	ug/l	98
95) Naphthalene	15.507	128	143682	19.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	48949	19.753	ug/l	97

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

