

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071485.D
 Acq On : 23 Mar 2022 00:12
 Operator : JC\MD
 Sample : VN0322WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBSD02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

Quant Time: Mar 23 07:04:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	540076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	913977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	838257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	323956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	412140	55.680	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.360%			
35) Dibromofluoromethane	8.016	113	301664	52.304	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.600%			
50) Toluene-d8	10.439	98	1191181	51.296	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.727	95	397963	50.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	104243	17.611	ug/l	99
3) Chloromethane	2.299	50	151698	19.069	ug/l	97
4) Vinyl Chloride	2.440	62	137890	19.009	ug/l	98
5) Bromomethane	2.834	94	74298	19.264	ug/l	96
6) Chloroethane	3.004	64	79798	18.165	ug/l	96
7) Trichlorofluoromethane	3.363	101	190810	19.985	ug/l	98
8) Diethyl Ether	3.822	74	83084	20.336	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	112733	20.396	ug/l	93
10) Methyl Iodide	4.416	142	146008	18.703	ug/l	99
11) Tert butyl alcohol	5.369	59	170237	117.075	ug/l	100
12) 1,1-Dichloroethene	4.181	96	105863	19.552	ug/l	90
13) Acrolein	4.040	56	76843	49.928	ug/l	98
14) Allyl chloride	4.834	41	235969	20.038	ug/l #	85
15) Acrylonitrile	5.545	53	491225	113.772	ug/l	99
16) Acetone	4.287	43	416579	115.667	ug/l	99
17) Carbon Disulfide	4.528	76	246736	16.007	ug/l	99
18) Methyl Acetate	4.845	43	238628	24.909	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	448949	22.084	ug/l	94
20) Methylene Chloride	5.093	84	139132	21.357	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	116628	19.693	ug/l	93
22) Diisopropyl ether	6.492	45	513094	22.116	ug/l	91
23) Vinyl Acetate	6.428	43	2178432	110.912	ug/l	99
24) 1,1-Dichloroethane	6.387	63	259622	21.177	ug/l	99
25) 2-Butanone	7.328	43	686141	118.266	ug/l	93
26) 2,2-Dichloropropane	7.322	77	163533	17.291	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	143130	20.363	ug/l	91
28) Bromochloromethane	7.651	49	92028	16.857	ug/l #	80
29) Tetrahydrofuran	7.681	42	472226	117.491	ug/l	90
30) Chloroform	7.816	83	251441	21.504	ug/l	99
31) Cyclohexane	8.092	56	229090	19.381	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	212329	21.318	ug/l	96
36) 1,1-Dichloropropene	8.216	75	173411	18.766	ug/l	96
37) Ethyl Acetate	7.404	43	273397	21.498	ug/l	96
38) Carbon Tetrachloride	8.204	117	175786	19.667	ug/l	100
39) Methylcyclohexane	9.457	83	200781	18.469	ug/l	92
40) Benzene	8.457	78	562638	20.208	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	140970	22.650	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	208845	21.556	ug/l	99
43) Isopropyl Acetate	8.557	43	418810	22.022	ug/l	94
44) Trichloroethene	9.216	130	131766	20.058	ug/l	99
45) 1,2-Dichloropropane	9.486	63	155712	20.834	ug/l	99
46) Dibromomethane	9.575	93	94606	20.566	ug/l	97
47) Bromodichloromethane	9.757	83	192934	20.753	ug/l	99
48) Methyl methacrylate	9.557	41	191100	21.683	ug/l #	84
49) 1,4-Dioxane	9.563	88	71879	469.200	ug/l #	88
51) 4-Methyl-2-Pentanone	10.327	43	1364817	115.636	ug/l	100
52) Toluene	10.504	92	352235	20.545	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	205087	20.013	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	220047	19.652	ug/l	98
55) 1,1,2-Trichloroethane	10.898	97	145656	21.202	ug/l	98
56) Ethyl methacrylate	10.757	69	237823	21.198	ug/l	91
57) 1,3-Dichloropropane	11.039	76	254813	20.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	204128	104.815	ug/l	93
59) 2-Hexanone	11.080	43	1006316	124.960	ug/l	99
60) Dibromochloromethane	11.233	129	143607	21.038	ug/l	99
61) 1,2-Dibromoethane	11.339	107	144680	20.606	ug/l	98
64) Tetrachloroethene	10.975	164	109657	18.757	ug/l	97
65) Chlorobenzene	11.769	112	366715	20.371	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	138849	21.035	ug/l	98
67) Ethyl Benzene	11.839	91	649521	20.406	ug/l	98
68) m/p-Xylenes	11.951	106	484856	41.639	ug/l	99
69) o-Xylene	12.274	106	244340	20.934	ug/l	98
70) Styrene	12.292	104	380862	21.080	ug/l	97
71) Bromoform	12.457	173	106039	21.153	ug/l #	98
73) Isopropylbenzene	12.574	105	625735	20.037	ug/l	99
74) N-amyl acetate	12.386	43	270317	23.021	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	235320	24.026	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	181782m	21.546	ug/l	
77) Bromobenzene	12.857	156	145263	19.948	ug/l	80
78) n-propylbenzene	12.916	91	672039	20.054	ug/l	97
79) 2-Chlorotoluene	13.004	91	437276	20.328	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	499857	20.574	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	57734	19.265	ug/l	99
82) 4-Chlorotoluene	13.104	91	395678	20.650	ug/l	94
83) tert-Butylbenzene	13.321	119	451530	20.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	487956	20.968	ug/l	98
85) sec-Butylbenzene	13.498	105	589968	20.471	ug/l	99
86) p-Isopropyltoluene	13.610	119	470716	20.769	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	235606	19.912	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	224518	19.412	ug/l	96
89) n-Butylbenzene	13.939	91	331106	18.678	ug/l	96
90) Hexachloroethane	14.204	117	91803	20.368	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	239332	21.039	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41723	22.962	ug/l	83
93) 1,2,4-Trichlorobenzene	15.257	180	101346	20.937	ug/l	97
94) Hexachlorobutadiene	15.368	225	62092	19.444	ug/l	99
95) Naphthalene	15.504	128	310322	23.846	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	104078	22.077	ug/l	97

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

