

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073559.D
 Acq On : 21 Jul 2022 16:35
 Operator : JC\MD
 Sample : VN0721WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBS02

Quant Time: Jul 22 08:00:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	214648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	359733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	328482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	159188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	144005	46.473	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.940%		
35) Dibromofluoromethane	7.951	113	121826	50.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.380	98	401586	47.243	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.480%		
62) 4-Bromofluorobenzene	12.674	95	159313	48.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	57892	18.448	ug/l	91
3) Chloromethane	2.263	50	54886	18.015	ug/l	98
4) Vinyl Chloride	2.405	62	48996	18.927	ug/l	97
5) Bromomethane	2.799	94	23442	19.172	ug/l	99
6) Chloroethane	2.963	64	32407	21.281	ug/l	98
7) Trichlorofluoromethane	3.310	101	70159	15.677	ug/l	98
8) Diethyl Ether	3.763	74	33175	18.210	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.134	101	46271	17.498	ug/l	96
10) Methyl Iodide	4.351	142	35055	12.795	ug/l	95
11) Tert butyl alcohol	5.298	59	75725	100.881	ug/l	99
12) 1,1-Dichloroethene	4.110	96	44933	17.782	ug/l	96
13) Acrolein	3.981	56	8623	18.175	ug/l	99
14) Allyl chloride	4.757	41	95984	18.031	ug/l #	93
15) Acrylonitrile	5.475	53	199467	103.225	ug/l	99
16) Acetone	4.222	43	190401	109.467	ug/l	95
17) Carbon Disulfide	4.457	76	115657	17.652	ug/l	98
18) Methyl Acetate	4.775	43	95561	19.605	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	166926	18.126	ug/l	99
20) Methylene Chloride	5.016	84	56619	18.523	ug/l	89
21) trans-1,2-Dichloroethene	5.510	96	44723	16.939	ug/l	94
22) Diisopropyl ether	6.416	45	184297	18.554	ug/l #	95
23) Vinyl Acetate	6.351	43	825393	92.811	ug/l	95
24) 1,1-Dichloroethane	6.304	63	94265	18.339	ug/l	99
25) 2-Butanone	7.263	43	300139	108.384	ug/l	92
26) 2,2-Dichloropropane	7.251	77	73898	15.544	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	56006	17.517	ug/l	97
28) Bromochloromethane	7.587	49	43696	20.297	ug/l	85
29) Tetrahydrofuran	7.616	42	203180	107.154	ug/l #	85
30) Chloroform	7.745	83	91779	17.727	ug/l	99
31) Cyclohexane	8.022	56	90233	17.780	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	81722	17.713	ug/l	99
36) 1,1-Dichloropropene	8.151	75	66324	18.010	ug/l	98
37) Ethyl Acetate	7.340	43	109594	19.696	ug/l	96
38) Carbon Tetrachloride	8.134	117	64983	17.063	ug/l	98
39) Methylcyclohexane	9.398	83	82028	17.891	ug/l	94
40) Benzene	8.392	78	215314	18.945	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	50700	18.787	ug/l	90
42) 1,2-Dichloroethane	8.469	62	73897	17.937	ug/l	99
43) Isopropyl Acetate	8.498	43	154013	19.259	ug/l	94
44) Trichloroethene	9.151	130	50465	17.448	ug/l	92
45) 1,2-Dichloropropane	9.428	63	54494	18.812	ug/l	99
46) Dibromomethane	9.510	93	36820	18.720	ug/l	94
47) Bromodichloromethane	9.704	83	70778	18.579	ug/l #	94
48) Methyl methacrylate	9.498	41	66074	17.845	ug/l	91
49) 1,4-Dioxane	9.510	88	33519	476.857	ug/l #	92
51) 4-Methyl-2-Pentanone	10.275	43	543478	107.166	ug/l	90
52) Toluene	10.445	92	128961	18.361	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	73471	17.519	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	82325	18.183	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	52846	18.276	ug/l	94
56) Ethyl methacrylate	10.704	69	85564	18.308	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	88846	17.924	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.981	63	201690	96.763	ug/l	94
59) 2-Hexanone	11.028	43	427597	110.612	ug/l	90
60) Dibromochloromethane	11.180	129	53329	19.344	ug/l	97
61) 1,2-Dibromoethane	11.286	107	54287	18.796	ug/l	99
64) Tetrachloroethene	10.916	164	58378	21.764	ug/l	91
65) Chlorobenzene	11.710	112	133320	17.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	48433	17.724	ug/l	99
67) Ethyl Benzene	11.786	91	237869	17.637	ug/l	98
68) m/p-Xylenes	11.898	106	182885	35.930	ug/l	98
69) o-Xylene	12.222	106	91202	17.551	ug/l	99
70) Styrene	12.233	104	145589	18.147	ug/l	99
71) Bromoform	12.398	173	37945	18.978	ug/l #	99
73) Isopropylbenzene	12.522	105	233875	17.013	ug/l	99
74) N-amyl acetate	12.333	43	117278	17.038	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	83740	18.358	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	76410m	18.357	ug/l	
77) Bromobenzene	12.804	156	53550	16.755	ug/l	89
78) n-propylbenzene	12.863	91	263232	17.237	ug/l	98
79) 2-Chlorotoluene	12.945	91	161299	16.688	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	191052	17.051	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	25810	17.005	ug/l	93
82) 4-Chlorotoluene	13.045	91	152451	16.292	ug/l	98
83) tert-Butylbenzene	13.263	119	171740	17.097	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	191862	17.151	ug/l	97
85) sec-Butylbenzene	13.445	105	230441	17.084	ug/l	99
86) p-Isopropyltoluene	13.557	119	185535	17.028	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	93097	16.237	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	95194	16.570	ug/l	99
89) n-Butylbenzene	13.886	91	149218	16.434	ug/l	98
90) Hexachloroethane	14.151	117	34206	16.845	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	100046	17.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	20377	18.379	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	50504	16.606	ug/l	98
94) Hexachlorobutadiene	15.298	225	24725	18.288	ug/l	97
95) Naphthalene	15.439	128	198743	16.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	52395	16.701	ug/l	98

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

