

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074259.D
 Acq On : 01 Sep 2022 22:51
 Operator : JC\MD
 Sample : VN0901WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 05:42:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						09/02/2022
1) Pentafluorobenzene	8.016	168	191381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	377257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	341142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	144049	50.000	ug/l	0.00
System Monitoring Compounds						09/02/2022
33) 1,2-Dichloroethane-d4	8.369	65	169311	57.030	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.060%
35) Dibromofluoromethane	7.951	113	125936	51.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	10.380	98	522655	54.062	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.120%
62) 4-Bromofluorobenzene	12.668	95	160631	54.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	29511	14.903	ug/l	92
3) Chloromethane	2.269	50	69088	24.769	ug/l	98
4) Vinyl Chloride	2.404	62	71548	25.815	ug/l	92
5) Bromomethane	2.781	94	37530	24.767	ug/l	94
6) Chloroethane	2.951	64	47191	24.744	ug/l	93
7) Trichlorofluoromethane	3.304	101	68696	16.213	ug/l	98
8) Diethyl Ether	3.763	74	39439	21.888	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.128	101	43949	18.163	ug/l	91
10) Methyl Iodide	4.340	142	29852	15.285	ug/l	93
11) Tert butyl alcohol	5.287	59	79544	114.981	ug/l	100
12) 1,1-Dichloroethene	4.104	96	45399	20.233	ug/l	95
13) Acrolein	3.975	56	85672	130.543	ug/l	99
14) Allyl chloride	4.757	41	104514	20.887	ug/l #	94
15) Acrylonitrile	5.475	53	234488	109.331	ug/l	99
16) Acetone	4.216	43	199823	100.728	ug/l	96
17) Carbon Disulfide	4.457	76	115075	18.020	ug/l	99
18) Methyl Acetate	4.769	43	127026	24.241	ug/l #	86
19) Methyl tert-butyl Ether	5.528	73	180800	21.783	ug/l	92
20) Methylene Chloride	5.010	84	58625	20.735	ug/l #	78
21) trans-1,2-Dichloroethene	5.516	96	48150	18.592	ug/l	95
22) Diisopropyl ether	6.410	45	230626	22.622	ug/l #	92
23) Vinyl Acetate	6.351	43	977924	113.614	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	107067	21.289	ug/l	94
25) 2-Butanone	7.257	43	357986	112.805	ug/l #	87
26) 2,2-Dichloropropane	7.245	77	53831	16.777	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	60641	20.964	ug/l	93
28) Bromochloromethane	7.586	49	37650	21.216	ug/l #	72
29) Tetrahydrofuran	7.610	42	241808	119.645	ug/l #	81
30) Chloroform	7.745	83	96263	18.776	ug/l	96
31) Cyclohexane	8.022	56	107573	21.930	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	74799	18.971	ug/l #	91
36) 1,1-Dichloropropene	8.151	75	75505	18.956	ug/l	93
37) Ethyl Acetate	7.333	43	136030	20.421	ug/l #	93
38) Carbon Tetrachloride	8.133	117	60637	16.728	ug/l	95
39) Methylcyclohexane	9.398	83	91062	19.475	ug/l	91
40) Benzene	8.392	78	254750	20.369	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.557	41	66369	21.585	ug/l	#	86
42) 1,2-Dichloroethane	8.463	62	81762	18.370	ug/l		99
43) Isopropyl Acetate	8.492	43	194604	21.732	ug/l	#	91
44) Trichloroethene	9.151	130	50970	18.238	ug/l		99
45) 1,2-Dichloropropane	9.427	63	68741	20.357	ug/l		94
46) Dibromomethane	9.516	93	40705	18.049	ug/l	#	82
47) Bromodichloromethane	9.698	83	76352	17.276	ug/l	#	86
48) Methyl methacrylate	9.498	41	88289	20.756	ug/l	#	85
49) 1,4-Dioxane	9.504	88	33408	364.038	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.269	43	701713	107.971	ug/l		88
52) Toluene	10.445	92	153788	20.862	ug/l		98
53) t-1,3-Dichloropropene	10.657	75	78447	18.721	ug/l		95
54) cis-1,3-Dichloropropene	10.127	75	91947	19.600	ug/l	#	86
55) 1,1,2-Trichloroethane	10.833	97	58780	18.434	ug/l		95
56) Ethyl methacrylate	10.698	69	102925	21.295	ug/l	#	77
57) 1,3-Dichloropropane	10.986	76	108808	19.635	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.980	63	231907	94.852	ug/l	#	86
59) 2-Hexanone	11.027	43	535009	108.477	ug/l		89
60) Dibromochloromethane	11.174	129	52512	17.582	ug/l		100
61) 1,2-Dibromoethane	11.286	107	57561	18.892	ug/l		99
64) Tetrachloroethene	10.916	164	40844	16.529	ug/l		97
65) Chlorobenzene	11.710	112	145813	18.995	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.786	131	47204	17.300	ug/l		95
67) Ethyl Benzene	11.786	91	267513	19.419	ug/l		98
68) m/p-Xylenes	11.892	106	206513	40.353	ug/l		96
69) o-Xylene	12.221	106	102814	20.162	ug/l		99
70) Styrene	12.233	104	164180	20.209	ug/l		98
71) Bromoform	12.398	173	35907	15.537	ug/l	#	96
73) Isopropylbenzene	12.521	105	253682	20.564	ug/l		100
74) N-amyl acetate	12.327	43	160277	22.964	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.763	83	107669	21.045	ug/l		94
76) 1,2,3-Trichloropropane	12.821	75	70071m	19.095	ug/l		
77) Bromobenzene	12.798	156	54975	19.051	ug/l		79
78) n-propylbenzene	12.857	91	313486	22.293	ug/l		92
79) 2-Chlorotoluene	12.945	91	181170	21.034	ug/l		95
80) 1,3,5-Trimethylbenzene	12.998	105	208541	20.786	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.568	75	26827	19.331	ug/l	#	80
82) 4-Chlorotoluene	13.045	91	170279	20.431	ug/l		97
83) tert-Butylbenzene	13.262	119	182074	21.216	ug/l		98
84) 1,2,4-Trimethylbenzene	13.304	105	200454	20.702	ug/l		99
85) sec-Butylbenzene	13.439	105	264591	21.978	ug/l		95
86) p-Isopropyltoluene	13.551	119	201097	21.468	ug/l		99
87) 1,3-Dichlorobenzene	13.557	146	100134	19.466	ug/l		98
88) 1,4-Dichlorobenzene	13.633	146	99069	18.616	ug/l		97
89) n-Butylbenzene	13.880	91	170451	20.893	ug/l		96
90) Hexachloroethane	14.151	117	36576	18.939	ug/l		81
91) 1,2-Dichlorobenzene	13.927	146	104062	19.191	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	19578	19.146	ug/l		83
93) 1,2,4-Trichlorobenzene	15.192	180	49330	18.598	ug/l		97
94) Hexachlorobutadiene	15.298	225	20667	15.845	ug/l		93
95) Naphthalene	15.433	128	201616	19.172	ug/l		99
96) 1,2,3-Trichlorobenzene	15.633	180	51361	18.692	ug/l		98

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

09/02/2022
Supervised By :Mahesh
Dadoda

09/02/2022

