

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070425.D
 Acq On : 31 Dec 2021 3:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

Quant Time: Dec 31 06:36:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	888102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1478832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1407721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	575310	50.000	ug/l	0.00

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 ahmed

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	623240	48.808	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.620%
35) Dibromofluoromethane	8.024	113	450765	50.378	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.760%
50) Toluene-d8	10.443	98	1823311	49.882	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.731	95	661796	50.129	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.260%

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Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	502189	49.862	ug/l	100
3) Chloromethane	2.303	50	705654	51.506	ug/l	99
4) Vinyl Chloride	2.445	62	632557	50.711	ug/l	99
5) Bromomethane	2.840	94	325888	50.618	ug/l	98
6) Chloroethane	3.011	64	362606	48.271	ug/l	98
7) Trichlorofluoromethane	3.371	101	706305	47.044	ug/l	98
8) Diethyl Ether	3.824	74	345538	52.208	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.205	101	460165	50.111	ug/l	96
10) Methyl Iodide	4.417	142	640903	51.572	ug/l	98
11) Tert butyl alcohol	5.385	59	652099	306.706	ug/l	98
12) 1,1-Dichloroethene	4.175	96	461211	50.991	ug/l	91
13) Acrolein	4.038	56	433097	251.053	ug/l	100
14) Allyl chloride	4.838	41	1105337	53.901	ug/l #	84
15) Acrylonitrile	5.556	53	2020055	304.468	ug/l	99
16) Acetone	4.291	43	1750044	211.123	ug/l	100
17) Carbon Disulfide	4.527	76	1292982	52.370	ug/l	99
18) Methyl Acetate	4.856	43	1390761	58.002	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	1775868	52.869	ug/l	96
20) Methylene Chloride	5.092	84	572252	49.897	ug/l #	83
21) trans-1,2-Dichloroethene	5.597	96	492175	51.393	ug/l	86
22) Diisopropyl ether	6.500	45	2204515	55.192	ug/l #	92
23) Vinyl Acetate	6.436	43	8758109	282.610	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1083631	52.322	ug/l	98
25) 2-Butanone	7.337	43	2897127	277.579	ug/l	91
26) 2,2-Dichloropropane	7.324	77	608961	37.272	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	593379	51.927	ug/l	89
28) Bromochloromethane	7.659	49	546587	53.965	ug/l #	75
29) Tetrahydrofuran	7.686	42	1942280	311.905	ug/l #	86
30) Chloroform	7.820	83	1031248	51.614	ug/l	99
31) Cyclohexane	8.094	56	1024661	50.851	ug/l	86
32) 1,1,1-Trichloroethane	8.016	97	860715	51.091	ug/l	96
36) 1,1-Dichloropropene	8.222	75	756207	51.089	ug/l	96
37) Ethyl Acetate	7.415	43	1123454	58.555	ug/l	96
38) Carbon Tetrachloride	8.206	117	725474	51.328	ug/l	97
39) Methylcyclohexane	9.459	83	906381	50.580	ug/l	88
40) Benzene	8.461	78	2382883	52.511	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.638	41	579147	60.349	ug/l	#	87
42) 1,2-Dichloroethane	8.531	62	857266	50.259	ug/l		99
43) Isopropyl Acetate	8.563	43	1702006	56.265	ug/l	#	95
44) Trichloroethene	9.217	130	536501	49.757	ug/l		88
45) 1,2-Dichloropropane	9.491	63	660405	54.051	ug/l		100
46) Dibromomethane	9.579	93	401619	52.862	ug/l		94
47) Bromodichloromethane	9.762	83	837467	55.514	ug/l		99
48) Methyl methacrylate	9.561	41	871465	60.398	ug/l	#	79
49) 1,4-Dioxane	9.571	88	268091	1269.307	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.330	43	5840696	307.282	ug/l		96
52) Toluene	10.505	92	1457213	53.052	ug/l		98
53) t-1,3-Dichloropropene	10.719	75	862443	52.809	ug/l		98
54) cis-1,3-Dichloropropene	10.191	75	947492	53.632	ug/l		95
55) 1,1,2-Trichloroethane	10.899	97	584012	53.737	ug/l		98
56) Ethyl methacrylate	10.762	69	1032557	57.501	ug/l	#	88
57) 1,3-Dichloropropane	11.046	76	1031326	53.653	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.043	63	1113583	243.312	ug/l		89
59) 2-Hexanone	11.087	43	4268886	307.973	ug/l		95
60) Dibromochloromethane	11.240	129	610606	57.585	ug/l		100
61) 1,2-Dibromoethane	11.347	107	590557	53.517	ug/l		99
64) Tetrachloroethene	10.979	164	486362	47.711	ug/l		95
65) Chlorobenzene	11.771	112	1508352	50.499	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.840	131	556787	52.216	ug/l		99
67) Ethyl Benzene	11.846	91	2828026	51.676	ug/l		96
68) m/p-Xylenes	11.953	106	2071539	103.989	ug/l		93
69) o-Xylene	12.280	106	1031870	52.077	ug/l		93
70) Styrene	12.294	104	1711291	54.568	ug/l		96
71) Bromoform	12.457	173	482235	60.937	ug/l	#	100
73) Isopropylbenzene	12.578	105	2692315	50.393	ug/l		98
74) N-amyl acetate	12.387	43	1305574	58.119	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.827	83	954083	55.025	ug/l		98
76) 1,2,3-Trichloropropane	12.881	75	917346m	53.649	ug/l		
77) Bromobenzene	12.859	156	626376	51.067	ug/l		76
78) n-propylbenzene	12.921	91	3094699	52.280	ug/l		96
79) 2-Chlorotoluene	13.007	91	1888468	49.721	ug/l		93
80) 1,3,5-Trimethylbenzene	13.061	105	2182949	50.988	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.626	75	265362	56.354	ug/l		96
82) 4-Chlorotoluene	13.104	91	1811536	50.918	ug/l		92
83) tert-Butylbenzene	13.323	119	1918010	50.878	ug/l		94
84) 1,2,4-Trimethylbenzene	13.369	105	2139482	51.897	ug/l		98
85) sec-Butylbenzene	13.500	105	2663824	52.046	ug/l		97
86) p-Isopropyltoluene	13.616	119	2081478	51.772	ug/l		97
87) 1,3-Dichlorobenzene	13.616	146	1030754	50.199	ug/l		97
88) 1,4-Dichlorobenzene	13.696	146	1004053	49.572	ug/l		98
89) n-Butylbenzene	13.943	91	1717024	51.201	ug/l		97
90) Hexachloroethane	14.211	117	416075	59.570	ug/l		91
91) 1,2-Dichlorobenzene	13.989	146	1000025	49.680	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	180990	58.479	ug/l		80
93) 1,2,4-Trichlorobenzene	15.262	180	521021	54.933	ug/l		97
94) Hexachlorobutadiene	15.370	225	279901	50.778	ug/l		99
95) Naphthalene	15.507	128	1617708	61.294	ug/l		100
96) 1,2,3-Trichlorobenzene	15.702	180	521224	57.330	ug/l		98

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

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