

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073569.D
 Acq On : 21 Jul 2022 20:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jul 22 08:02:57 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	204838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	355889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	335445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	176495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	145106	49.071	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.140%
35) Dibromofluoromethane	7.951	113	118287	49.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	10.380	98	395332	47.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.020%
62) 4-Bromofluorobenzene	12.674	95	164744	50.977	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.960%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	159789	53.356	ug/l	98
3) Chloromethane	2.263	50	157473	54.162	ug/l	99
4) Vinyl Chloride	2.404	62	137514	55.665	ug/l	99
5) Bromomethane	2.775	94	47523	40.729	ug/l	97
6) Chloroethane	2.934	64	81749	56.254	ug/l	98
7) Trichlorofluoromethane	3.298	101	194322	45.499	ug/l	98
8) Diethyl Ether	3.763	74	92284	53.080	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.122	101	124662	49.399	ug/l	97
10) Methyl Iodide	4.345	142	127269	42.262	ug/l	96
11) Tert butyl alcohol	5.298	59	208615	291.226	ug/l	100
12) 1,1-Dichloroethene	4.098	96	123130	51.063	ug/l	99
13) Acrolein	3.975	56	50129	110.716	ug/l	100
14) Allyl chloride	4.751	41	262631	51.701	ug/l #	93
15) Acrylonitrile	5.469	53	553863	300.354	ug/l	99
16) Acetone	4.222	43	505986	304.839	ug/l	93
17) Carbon Disulfide	4.451	76	330188	52.808	ug/l	99
18) Methyl Acetate	4.775	43	275165	59.156	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	457970	52.110	ug/l	94
20) Methylene Chloride	5.004	84	149990	51.419	ug/l	88
21) trans-1,2-Dichloroethene	5.504	96	127848	50.742	ug/l	95
22) Diisopropyl ether	6.416	45	532413	56.168	ug/l	95
23) Vinyl Acetate	6.351	43	2381233	280.579	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	265594	54.144	ug/l	99
25) 2-Butanone	7.263	43	818544	309.743	ug/l	89
26) 2,2-Dichloropropane	7.245	77	145922	32.164	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	153764	50.395	ug/l	96
28) Bromochloromethane	7.580	49	111431	54.240	ug/l #	82
29) Tetrahydrofuran	7.610	42	554859	306.639	ug/l	86
30) Chloroform	7.745	83	263445	53.322	ug/l	95
31) Cyclohexane	8.022	56	237520	49.045	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	222098	50.443	ug/l	99
36) 1,1-Dichloropropene	8.145	75	187302	51.410	ug/l	98
37) Ethyl Acetate	7.333	43	317509	57.677	ug/l #	95
38) Carbon Tetrachloride	8.133	117	187076	49.653	ug/l	99
39) Methylcyclohexane	9.392	83	229200	50.531	ug/l	91
40) Benzene	8.386	78	595688	52.979	ug/l	100

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 Kesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	159336	59.681	ug/l	#	83
42) 1,2-Dichloroethane	8.463	62	212602	52.162	ug/l		98
43) Isopropyl Acetate	8.492	43	443449	56.051	ug/l	#	93
44) Trichloroethene	9.151	130	141405	49.419	ug/l		97
45) 1,2-Dichloropropane	9.427	63	156170	54.494	ug/l		99
46) Dibromomethane	9.516	93	102932	52.898	ug/l		93
47) Bromodichloromethane	9.698	83	202455	53.719	ug/l		100
48) Methyl methacrylate	9.498	41	202637	55.318	ug/l		89
49) 1,4-Dioxane	9.504	88	89041	1280.420	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.274	43	1548556	308.652	ug/l		90
52) Toluene	10.445	92	366029	52.676	ug/l		99
53) t-1,3-Dichloropropene	10.663	75	208494	50.253	ug/l		96
54) cis-1,3-Dichloropropene	10.127	75	232878	51.992	ug/l	#	89
55) 1,1,2-Trichloroethane	10.839	97	148607	51.949	ug/l		99
56) Ethyl methacrylate	10.704	69	257927	55.783	ug/l	#	84
57) 1,3-Dichloropropane	10.986	76	260622	53.146	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.980	63	565202	274.091	ug/l		94
59) 2-Hexanone	11.027	43	1218200	318.531	ug/l		89
60) Dibromochloromethane	11.180	129	155661	57.073	ug/l		97
61) 1,2-Dibromoethane	11.286	107	155795	54.525	ug/l		99
64) Tetrachloroethene	10.916	164	137406	50.164	ug/l		97
65) Chlorobenzene	11.710	112	377694	49.785	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.780	131	139965	50.158	ug/l		98
67) Ethyl Benzene	11.786	91	706665	51.308	ug/l		99
68) m/p-Xylenes	11.892	106	528848	101.741	ug/l		96
69) o-Xylene	12.221	106	271593	51.182	ug/l		98
70) Styrene	12.233	104	440007	53.708	ug/l		99
71) Bromoform	12.398	173	114388	56.022	ug/l	#	100
73) Isopropylbenzene	12.521	105	691865	45.395	ug/l		99
74) N-amyl acetate	12.333	43	366673	48.047	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	242151	47.879	ug/l		100
76) 1,2,3-Trichloropropane	12.821	75	190490m	41.276	ug/l		
77) Bromobenzene	12.798	156	161407	45.550	ug/l		91
78) n-propylbenzene	12.862	91	788707	46.582	ug/l		98
79) 2-Chlorotoluene	12.951	91	482525	45.028	ug/l		98
80) 1,3,5-Trimethylbenzene	12.998	105	567575	45.688	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.568	75	72945	43.348	ug/l		93
82) 4-Chlorotoluene	13.045	91	460733	44.410	ug/l		98
83) tert-Butylbenzene	13.262	119	524509	47.095	ug/l		98
84) 1,2,4-Trimethylbenzene	13.310	105	571993	46.118	ug/l		98
85) sec-Butylbenzene	13.439	105	716362	47.901	ug/l		98
86) p-Isopropyltoluene	13.557	119	577441	47.799	ug/l		99
87) 1,3-Dichlorobenzene	13.557	146	283431	44.585	ug/l		99
88) 1,4-Dichlorobenzene	13.633	146	285357	44.801	ug/l		100
89) n-Butylbenzene	13.880	91	485204	48.198	ug/l		97
90) Hexachloroethane	14.151	117	105867	47.023	ug/l		89
91) 1,2-Dichlorobenzene	13.927	146	300706	46.435	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	60304	49.057	ug/l		90
93) 1,2,4-Trichlorobenzene	15.198	180	158033	46.868	ug/l		98
94) Hexachlorobutadiene	15.303	225	75199	50.169	ug/l		99
95) Naphthalene	15.439	128	626364	46.047	ug/l		99
96) 1,2,3-Trichlorobenzene	15.627	180	163687	47.060	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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