

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074227.D
 Acq On : 31 Aug 2022 20:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 01 00:30:38 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						09/01/2022
1) Pentafluorobenzene	8.016	168	199690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	371014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	348340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	160015	50.000	ug/l	0.00
System Monitoring Compounds						09/02/2022
33) 1,2-Dichloroethane-d4	8.363	65	169483	54.713	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.420%
35) Dibromofluoromethane	7.951	113	125970	52.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.381	98	512512	53.905	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.820%
62) 4-Bromofluorobenzene	12.669	95	171084	59.171	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.340%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	89040	43.093	ug/l	93
3) Chloromethane	2.269	50	156165	53.659	ug/l	100
4) Vinyl Chloride	2.405	62	156448	54.098	ug/l	100
5) Bromomethane	2.787	94	77870	49.250	ug/l	97
6) Chloroethane	2.958	64	104770	55.197	ug/l	91
7) Trichlorofluoromethane	3.310	101	224469	50.774	ug/l	97
8) Diethyl Ether	3.763	74	83032	44.163	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.134	101	103669	41.061	ug/l	91
10) Methyl Iodide	4.352	142	108257	53.124	ug/l	91
11) Tert butyl alcohol	5.287	59	172023	247.019	ug/l	100
12) 1,1-Dichloroethene	4.110	96	103474	44.196	ug/l	92
13) Acrolein	3.981	56	187971	274.504	ug/l	96
14) Allyl chloride	4.757	41	252880	48.436	ug/l #	93
15) Acrylonitrile	5.475	53	541782	242.097	ug/l	99
16) Acetone	4.216	43	479707	231.753	ug/l	96
17) Carbon Disulfide	4.457	76	299280	44.916	ug/l	100
18) Methyl Acetate	4.769	43	284971	54.550	ug/l #	85
19) Methyl tert-butyl Ether	5.534	73	428218	49.446	ug/l	94
20) Methylene Chloride	5.010	84	135369	48.681	ug/l #	81
21) trans-1,2-Dichloroethene	5.510	96	116547	43.130	ug/l	94
22) Diisopropyl ether	6.410	45	546694	51.394	ug/l #	91
23) Vinyl Acetate	6.351	43	2438275	271.490	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	255074	48.607	ug/l	96
25) 2-Butanone	7.257	43	827879	250.019	ug/l #	86
26) 2,2-Dichloropropane	7.251	77	138237	40.899	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	143387	47.507	ug/l	93
28) Bromochloromethane	7.587	49	100889	57.821	ug/l #	70
29) Tetrahydrofuran	7.610	42	571151	270.842	ug/l #	82
30) Chloroform	7.745	83	252720	47.242	ug/l	99
31) Cyclohexane	8.022	56	254574	49.739	ug/l #	82
32) 1,1,1-Trichloroethane	7.945	97	197287	47.954	ug/l	95
36) 1,1-Dichloropropene	8.151	75	183546	46.856	ug/l	96
37) Ethyl Acetate	7.340	43	325296	49.656	ug/l #	93
38) Carbon Tetrachloride	8.134	117	162973	45.681	ug/l	94
39) Methylcyclohexane	9.392	83	215449	46.853	ug/l	90
40) Benzene	8.392	78	598668	48.674	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	159024	52.589	ug/l	#	83
42) 1,2-Dichloroethane	8.463	62	205042	46.844	ug/l		98
43) Isopropyl Acetate	8.492	43	455744	51.750	ug/l	#	91
44) Trichloroethene	9.145	130	119988	43.657	ug/l		85
45) 1,2-Dichloropropane	9.428	63	160290	48.268	ug/l		99
46) Dibromomethane	9.510	93	99700	44.952	ug/l	#	86
47) Bromodichloromethane	9.698	83	194862	44.834	ug/l		94
48) Methyl methacrylate	9.498	41	203077	48.545	ug/l		87
49) 1,4-Dioxane	9.504	88	78433	869.045	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.269	43	1636922	256.109	ug/l		89
52) Toluene	10.445	92	361605	49.879	ug/l		98
53) t-1,3-Dichloropropene	10.663	75	207906	50.451	ug/l		98
54) cis-1,3-Dichloropropene	10.128	75	220050	47.696	ug/l	#	88
55) 1,1,2-Trichloroethane	10.839	97	148688	47.415	ug/l		92
56) Ethyl methacrylate	10.698	69	262131	55.148	ug/l	#	80
57) 1,3-Dichloropropane	10.986	76	264930	48.612	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.981	63	653275	271.691	ug/l		89
59) 2-Hexanone	11.028	43	1270829	262.004	ug/l		87
60) Dibromochloromethane	11.181	129	140320	47.773	ug/l		99
61) 1,2-Dibromoethane	11.286	107	149286	49.821	ug/l		99
64) Tetrachloroethene	10.916	164	103562	41.045	ug/l		95
65) Chlorobenzene	11.710	112	360269	45.961	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.780	131	130261	46.755	ug/l		97
67) Ethyl Benzene	11.780	91	693274	49.285	ug/l		95
68) m/p-Xylenes	11.892	106	518894	99.298	ug/l		96
69) o-Xylene	12.222	106	261114	50.148	ug/l		98
70) Styrene	12.233	104	439705	53.006	ug/l		99
71) Bromoform	12.398	173	101420	42.977	ug/l	#	99
73) Isopropylbenzene	12.516	105	667166	48.685	ug/l		99
74) N-amyl acetate	12.327	43	387204	49.941	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	260574	45.851	ug/l		99
76) 1,2,3-Trichloropropane	12.822	75	205930m	54.153	ug/l		
77) Bromobenzene	12.798	156	145897	45.514	ug/l		80
78) n-propylbenzene	12.857	91	803950	51.468	ug/l		95
79) 2-Chlorotoluene	12.945	91	463459	48.439	ug/l		97
80) 1,3,5-Trimethylbenzene	12.998	105	549261	49.284	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.563	75	74999	48.650	ug/l		95
82) 4-Chlorotoluene	13.045	91	441155	47.651	ug/l		98
83) tert-Butylbenzene	13.263	119	484408	50.812	ug/l		96
84) 1,2,4-Trimethylbenzene	13.304	105	551124	51.238	ug/l		97
85) sec-Butylbenzene	13.439	105	698888	52.261	ug/l		99
86) p-Isopropyltoluene	13.557	119	550830	52.935	ug/l		98
87) 1,3-Dichlorobenzene	13.551	146	272207	47.637	ug/l		98
88) 1,4-Dichlorobenzene	13.633	146	276395	46.755	ug/l		99
89) n-Butylbenzene	13.880	91	481392	53.118	ug/l		96
90) Hexachloroethane	14.151	117	94314	43.964	ug/l		81
91) 1,2-Dichlorobenzene	13.927	146	276543	45.911	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	52225	45.977	ug/l		88
93) 1,2,4-Trichlorobenzene	15.192	180	142579	48.391	ug/l		96
94) Hexachlorobutadiene	15.304	225	57652	39.789	ug/l		99
95) Naphthalene	15.433	128	607785	50.055	ug/l		100
96) 1,2,3-Trichlorobenzene	15.627	180	145179	47.565	ug/l		94

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 Supervised By :Mahesh
 Dadoda

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

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 Dadoda

09/02/2022

