

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074600.D
 Acq On : 19 Sep 2022 20:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 20 04:22:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	246354	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	476068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	432295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	199254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	221971	53.103	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.200%			
35) Dibromofluoromethane	7.951	113	170540	53.927	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.860%			
50) Toluene-d8	10.380	98	625266	51.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.674	95	221310	52.833	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.040	85	119528	44.581	ug/l	97
3) Chloromethane	2.263	50	251691	55.781	ug/l	94
4) Vinyl Chloride	2.405	62	292015	60.508	ug/l	99
5) Bromomethane	2.775	94	199417	78.353	ug/l	97
6) Chloroethane	2.940	64	216101	65.554	ug/l	99
7) Trichlorofluoromethane	3.299	101	347245	65.156	ug/l	96
8) Diethyl Ether	3.757	74	137477	50.584	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.134	101	163071	49.458	ug/l	88
10) Methyl Iodide	4.351	142	202639	52.098	ug/l	95
11) Tert butyl alcohol	5.287	59	365542	268.455	ug/l	99
12) 1,1-Dichloroethene	4.110	96	161476	49.725	ug/l	89
13) Acrolein	3.981	56	152201	306.081	ug/l	93
14) Allyl chloride	4.751	41	399013	51.502	ug/l #	94
15) Acrylonitrile	5.469	53	879455	287.489	ug/l	99
16) Acetone	4.222	43	796482	297.776	ug/l	93
17) Carbon Disulfide	4.451	76	406972	45.742	ug/l	96
18) Methyl Acetate	4.769	43	466922	56.203	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	718770	52.562	ug/l	98
20) Methylene Chloride	5.010	84	209784	51.372	ug/l #	82
21) trans-1,2-Dichloroethene	5.510	96	170376	47.827	ug/l	85
22) Diisopropyl ether	6.410	45	866101	55.672	ug/l #	92
23) Vinyl Acetate	6.345	43	3948078	287.729	ug/l #	91
24) 1,1-Dichloroethane	6.304	63	404941	52.073	ug/l	98
25) 2-Butanone	7.257	43	1344037	302.647	ug/l #	86
26) 2,2-Dichloropropane	7.245	77	240351	35.850	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	223835	49.069	ug/l	92
28) Bromochloromethane	7.587	49	122303	53.408	ug/l #	66
29) Tetrahydrofuran	7.610	42	884800	303.028	ug/l #	83
30) Chloroform	7.739	83	387965	54.053	ug/l	91
31) Cyclohexane	8.022	56	363039	48.931	ug/l #	83
32) 1,1,1-Trichloroethane	7.939	97	314612	49.977	ug/l	95
36) 1,1-Dichloropropene	8.151	75	270249	48.279	ug/l	96
37) Ethyl Acetate	7.340	43	507067	58.657	ug/l #	92
38) Carbon Tetrachloride	8.134	117	255992	49.532	ug/l	96
39) Methylcyclohexane	9.392	83	318899	47.911	ug/l	93
40) Benzene	8.386	78	885942	51.183	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	253924	60.757	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	321129	54.062	ug/l	97
43) Isopropyl Acetate	8.492	43	777641	57.429	ug/l #	89
44) Trichloroethene	9.151	130	175676	46.903	ug/l	83
45) 1,2-Dichloropropane	9.428	63	247749	52.080	ug/l	97
46) Dibromomethane	9.516	93	149319	50.118	ug/l #	85
47) Bromodichloromethane	9.704	83	302481	51.784	ug/l	99
48) Methyl methacrylate	9.498	41	325616	54.232	ug/l #	85
49) 1,4-Dioxane	9.504	88	132403	1147.008	ug/l #	92
51) 4-Methyl-2-Pentanone	10.275	43	2739416	309.803	ug/l	87
52) Toluene	10.445	92	585213	57.655	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	336294	49.399	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	360513	49.485	ug/l #	82
55) 1,1,2-Trichloroethane	10.845	97	216697	50.401	ug/l	95
56) Ethyl methacrylate	10.704	69	412209	53.673	ug/l #	73
57) 1,3-Dichloropropane	10.986	76	393572	52.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	811679	240.147	ug/l #	87
59) 2-Hexanone	11.028	43	2113046	313.034	ug/l	87
60) Dibromochloromethane	11.180	129	215875	52.449	ug/l	98
61) 1,2-Dibromoethane	11.286	107	225559	54.003	ug/l	97
64) Tetrachloroethene	10.916	164	136048	45.858	ug/l	94
65) Chlorobenzene	11.710	112	540688	49.821	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.786	131	198236	50.275	ug/l	99
67) Ethyl Benzene	11.786	91	1055588	52.978	ug/l	98
68) m/p-Xylenes	11.898	106	827612	112.342	ug/l	93
69) o-Xylene	12.222	106	411692	54.810	ug/l	96
70) Styrene	12.233	104	656101	52.511	ug/l	98
71) Bromoform	12.404	173	151844	52.395	ug/l #	100
73) Isopropylbenzene	12.522	105	1011440	49.575	ug/l	98
74) N-amyl acetate	12.333	43	691599	54.217	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.769	83	405142	49.553	ug/l	98
76) 1,2,3-Trichloropropane	12.827	75	310727m	50.663	ug/l	
77) Bromobenzene	12.804	156	213075	48.890	ug/l	76
78) n-propylbenzene	12.863	91	1221658	50.276	ug/l	93
79) 2-Chlorotoluene	12.951	91	708328	48.831	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	821792	49.412	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	121626	42.801	ug/l	90
82) 4-Chlorotoluene	13.045	91	680230	49.336	ug/l	96
83) tert-Butylbenzene	13.269	119	738243	48.774	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	857315	51.223	ug/l	96
85) sec-Butylbenzene	13.445	105	1045073	50.285	ug/l	97
86) p-Isopropyltoluene	13.557	119	825006	50.919	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	388386	48.495	ug/l	98
88) 1,4-Dichlorobenzene	13.639	146	393758	48.920	ug/l	99
89) n-Butylbenzene	13.886	91	736761	50.450	ug/l	96
90) Hexachloroethane	14.157	117	159513	45.248	ug/l	77
91) 1,2-Dichlorobenzene	13.927	146	398156	47.921	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	86089	47.685	ug/l	83
93) 1,2,4-Trichlorobenzene	15.198	180	199537	50.410	ug/l	96
94) Hexachlorobutadiene	15.304	225	80546	46.300	ug/l	96
95) Naphthalene	15.439	128	880708	51.586	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	195922	47.824	ug/l	96

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

