

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071606.D
 Acq On : 28 Mar 2022 15:58
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 29 08:16:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 08:13:31 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	653573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1035996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	911485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	323043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.427	65	41081	5.057	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.120%#		
35) Dibromofluoromethane	8.022	113	32120	4.903	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.800%#		
50) Toluene-d8	10.433	98	133606	5.036	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.080%#		
62) 4-Bromofluorobenzene	12.727	95	40822	4.682	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.360%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	35526	5.253	ug/l	99
3) Chloromethane	2.298	50	43691	5.170	ug/l	100
4) Vinyl Chloride	2.446	62	46997	5.178	ug/l	96
5) Bromomethane	2.840	94	32399	6.727	ug/l	93
6) Chloroethane	3.010	64	34661	5.611	ug/l	99
7) Trichlorofluoromethane	3.375	101	54967	5.206	ug/l	96
8) Diethyl Ether	3.828	74	22932	5.202	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	33232	5.237	ug/l	99
10) Methyl Iodide	4.422	142	45715	5.010	ug/l	100
11) Tert butyl alcohol	5.363	59	32304	21.633	ug/l	99
12) 1,1-Dichloroethene	4.181	96	31629	5.080	ug/l	98
13) Acrolein	4.040	56	32326	27.890	ug/l	100
14) Allyl chloride	4.839	41	48923	4.870	ug/l	99
15) Acrylonitrile	5.551	53	103423	25.270	ug/l	98
16) Acetone	4.281	43	90876	27.491	ug/l	94
17) Carbon Disulfide	4.534	76	78973	4.932	ug/l	97
18) Methyl Acetate	4.857	43	54717	5.522	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	113545	5.072	ug/l	100
20) Methylene Chloride	5.092	84	38194	4.942	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	35190	5.228	ug/l	94
22) Diisopropyl ether	6.492	45	108275	5.185	ug/l	96
23) Vinyl Acetate	6.428	43	431639	24.080	ug/l	99
24) 1,1-Dichloroethane	6.386	63	65566	5.184	ug/l	97
25) 2-Butanone	7.328	43	131045	24.694	ug/l	99
26) 2,2-Dichloropropane	7.328	77	54345	5.116	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	41994	5.198	ug/l	98
28) Bromochloromethane	7.657	49	25350	4.908	ug/l	99
29) Tetrahydrofuran	7.680	42	85918	24.351	ug/l	98
30) Chloroform	7.816	83	65778	5.162	ug/l	95
31) Cyclohexane	8.092	56	66704	5.796	ug/l #	87
32) 1,1,1-Trichloroethane	8.016	97	58125	5.247	ug/l	97
36) 1,1-Dichloropropene	8.216	75	48939	5.228	ug/l	97
37) Ethyl Acetate	7.404	43	54093	5.322	ug/l	98
38) Carbon Tetrachloride	8.204	117	47779	5.203	ug/l	97
39) Methylcyclohexane	9.457	83	59719	5.214	ug/l	97
40) Benzene	8.457	78	152247	5.219	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	25097	5.144	ug/l	92
42) 1,2-Dichloroethane	8.522	62	51110	5.029	ug/l	99
43) Isopropyl Acetate	8.557	43	93581	5.365	ug/l	95
44) Trichloroethene	9.210	130	39093	5.154	ug/l	96
45) 1,2-Dichloropropane	9.486	63	37503	5.186	ug/l	98
46) Dibromomethane	9.569	93	25180	5.106	ug/l	96
47) Bromodichloromethane	9.757	83	48563	5.015	ug/l	91
48) Methyl methacrylate	9.557	41	33884	4.597	ug/l	99
49) 1,4-Dioxane	9.563	88	15648	93.112	ug/l #	92
51) 4-Methyl-2-Pentanone	10.321	43	246059	24.085	ug/l	99
52) Toluene	10.498	92	96991	5.305	ug/l	98
53) t-1,3-Dichloropropene	10.710	75	49412	4.762	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	54842	4.787	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	37521	5.043	ug/l	94
56) Ethyl methacrylate	10.757	69	52803	4.729	ug/l	98
57) 1,3-Dichloropropane	11.039	76	65206	5.226	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	59579	21.480	ug/l	96
59) 2-Hexanone	11.080	43	173314	23.552	ug/l	99
60) Dibromochloromethane	11.233	129	35803	4.764	ug/l	97
61) 1,2-Dibromoethane	11.339	107	38344	5.122	ug/l	99
64) Tetrachloroethene	10.974	164	35487	5.607	ug/l	99
65) Chlorobenzene	11.763	112	100323	5.175	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	35760	5.192	ug/l	97
67) Ethyl Benzene	11.839	91	168653	5.062	ug/l	99
68) m/p-Xylenes	11.945	106	130514	10.253	ug/l	99
69) o-Xylene	12.280	106	65061	5.136	ug/l	97
70) Styrene	12.292	104	94303	4.770	ug/l	99
71) Bromoform	12.451	173	27538	5.091	ug/l #	95
73) Isopropylbenzene	12.574	105	158201	5.564	ug/l	100
74) N-amyl acetate	12.386	43	44020	4.847	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	56073	5.792	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	42627m	5.820	ug/l	
77) Bromobenzene	12.857	156	40418	5.692	ug/l	97
78) n-propylbenzene	12.915	91	162274	5.368	ug/l	100
79) 2-Chlorotoluene	13.004	91	108035	5.541	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	126273	5.628	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.615	75	13029	4.841	ug/l	89
82) 4-Chlorotoluene	13.098	91	97970	5.453	ug/l	98
83) tert-Butylbenzene	13.315	119	116020	5.710	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	123282	5.693	ug/l	98
85) sec-Butylbenzene	13.498	105	148828	5.532	ug/l	98
86) p-Isopropyltoluene	13.610	119	113404	5.295	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	62522	5.424	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	60768	5.338	ug/l	96
89) n-Butylbenzene	13.939	91	79412	4.832	ug/l	98
90) Hexachloroethane	14.204	117	21855	5.240	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	60091	5.422	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	8511	5.086	ug/l	91
93) 1,2,4-Trichlorobenzene	15.256	180	19657	3.827	ug/l	95
94) Hexachlorobutadiene	15.362	225	17852	5.736	ug/l	98
95) Naphthalene	15.503	128	44134	3.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	19583	3.860	ug/l	97

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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

