

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073194.D
 Acq On : 28 Jun 2022 10:34
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 28 11:52:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 11:50:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	258980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	451756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	402253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	172471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	22011	6.213	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	12.420%#		
35) Dibromofluoromethane	7.951	113	16978	6.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	12.060%#		
50) Toluene-d8	10.374	98	62149	6.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	12.000%#		
62) 4-Bromofluorobenzene	12.668	95	20314	5.306	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.620%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	17660	6.507	ug/l	97
3) Chloromethane	2.269	50	19107	6.439	ug/l	100
4) Vinyl Chloride	2.410	62	15943	6.718	ug/l	89
5) Bromomethane	2.793	94	8009	8.206	ug/l	81
6) Chloroethane	2.957	64	9103	6.204	ug/l	98
7) Trichlorofluoromethane	3.316	101	27800	6.953	ug/l	87
8) Diethyl Ether	3.763	74	11163	5.774	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.146	101	15678	5.984	ug/l	95
10) Methyl Iodide	4.351	142	14396	4.716	ug/l	96
11) Tert butyl alcohol	5.287	59	23028	25.023	ug/l #	83
12) 1,1-Dichloroethene	4.110	96	14774	5.708	ug/l	98
13) Acrolein	3.987	56	16189	39.731	ug/l	98
14) Allyl chloride	4.757	41	32761	5.921	ug/l #	90
15) Acrylonitrile	5.475	53	59407	27.602	ug/l	99
16) Acetone	4.222	43	52720	26.551	ug/l	92
17) Carbon Disulfide	4.457	76	38348	5.706	ug/l	96
18) Methyl Acetate	4.781	43	29991	5.644	ug/l	92
19) Methyl tert-butyl Ether	5.528	73	55147	5.702	ug/l	98
20) Methylene Chloride	5.016	84	18918	5.611	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	15738	5.617	ug/l	88
22) Diisopropyl ether	6.410	45	61776	6.006	ug/l #	96
23) Vinyl Acetate	6.351	43	267206	28.164	ug/l #	94
24) 1,1-Dichloroethane	6.298	63	31458	5.838	ug/l	98
25) 2-Butanone	7.263	43	85195	27.049	ug/l	94
26) 2,2-Dichloropropane	7.239	77	28441	5.874	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	19506	5.796	ug/l	93
28) Bromochloromethane	7.586	49	12829	5.666	ug/l #	92
29) Tetrahydrofuran	7.610	42	60016	28.723	ug/l #	85
30) Chloroform	7.745	83	31342	5.745	ug/l	88
31) Cyclohexane	8.022	56	34170	6.777	ug/l #	88
32) 1,1,1-Trichloroethane	7.939	97	27565	5.739	ug/l	97
36) 1,1-Dichloropropene	8.151	75	23287	5.933	ug/l	95
37) Ethyl Acetate	7.339	43	35952	5.771	ug/l	97
38) Carbon Tetrachloride	8.128	117	23739	5.781	ug/l	86
39) Methylcyclohexane	9.386	83	28474	5.992	ug/l	98
40) Benzene	8.392	78	72369	5.890	ug/l	94

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Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	16561	5.652	ug/l #	88
42) 1,2-Dichloroethane	8.457	62	26137	5.972	ug/l	99
43) Isopropyl Acetate	8.492	43	51220	5.754	ug/l	95
44) Trichloroethene	9.145	130	17804	5.694	ug/l	99
45) 1,2-Dichloropropane	9.428	63	17987	5.716	ug/l	95
46) Dibromomethane	9.510	93	12793	6.043	ug/l	89
47) Bromodichloromethane	9.698	83	23288	5.529	ug/l	99
48) Methyl methacrylate	9.492	41	21461	5.212	ug/l	90
49) 1,4-Dioxane	9.510	88	8561	95.169	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	162691	28.116	ug/l	92
52) Toluene	10.445	92	43912	5.823	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	24972	5.505	ug/l	91
54) cis-1,3-Dichloropropene	10.127	75	26159	5.286	ug/l #	87
55) 1,1,2-Trichloroethane	10.839	97	18298	5.575	ug/l	94
56) Ethyl methacrylate	10.698	69	29478	5.587	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	31391	5.715	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	61653	26.401	ug/l	98
59) 2-Hexanone	11.022	43	121299	27.129	ug/l	93
60) Dibromochloromethane	11.174	129	16479	5.308	ug/l	99
61) 1,2-Dibromoethane	11.286	107	17837	5.479	ug/l	96
64) Tetrachloroethene	10.910	164	16288	6.279	ug/l	95
65) Chlorobenzene	11.704	112	46230	5.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	15581	5.097	ug/l	89
67) Ethyl Benzene	11.780	91	81142	5.683	ug/l	98
68) m/p-Xylenes	11.892	106	62696	11.243	ug/l	100
69) o-Xylene	12.216	106	31628	5.672	ug/l	95
70) Styrene	12.227	104	46576	5.214	ug/l	97
71) Bromoform	12.392	173	11285	4.905	ug/l #	98
73) Isopropylbenzene	12.516	105	78776	5.771	ug/l	98
74) N-amyl acetate	12.327	43	37093	5.262	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.768	83	27391	5.646	ug/l	96
76) 1,2,3-Trichloropropane	12.816	75	27197m	6.391	ug/l	
77) Bromobenzene	12.798	156	18042	5.564	ug/l	91
78) n-propylbenzene	12.857	91	83894	5.566	ug/l	96
79) 2-Chlorotoluene	12.945	91	55061	5.668	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	63415	5.670	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	7793	4.940	ug/l #	82
82) 4-Chlorotoluene	13.045	91	52661	5.723	ug/l	94
83) tert-Butylbenzene	13.263	119	57471	5.628	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	62502	5.599	ug/l	99
85) sec-Butylbenzene	13.439	105	72624	5.302	ug/l	98
86) p-Isopropyltoluene	13.551	119	58740	5.313	ug/l	96
87) 1,3-Dichlorobenzene	13.551	146	31807	5.461	ug/l	98
88) 1,4-Dichlorobenzene	13.627	146	30626	5.210	ug/l	91
89) n-Butylbenzene	13.880	91	44144	4.871	ug/l	99
90) Hexachloroethane	14.145	117	10895	5.225	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	32514	5.374	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.533	75	6372	4.859	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	15666	4.709	ug/l	95
94) Hexachlorobutadiene	15.298	225	6969	4.826	ug/l	97
95) Naphthalene	15.433	128	64846	4.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	15875	4.455	ug/l	98

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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

