

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073616.D
 Acq On : 28 Jul 2022 10:55
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 01:30:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	332557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	568127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	513668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	213902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	22480	5.547	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.100%#		
35) Dibromofluoromethane	7.951	113	18014	5.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.100%#		
50) Toluene-d8	10.380	98	69144	4.925	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.860%#		
62) 4-Bromofluorobenzene	12.674	95	19460	4.483	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	15052	4.741	ug/l	88
3) Chloromethane	2.269	50	23428	5.046	ug/l	96
4) Vinyl Chloride	2.404	62	29266	5.226	ug/l	97
5) Bromomethane	2.781	94	18748	5.730	ug/l	91
6) Chloroethane	2.951	64	21090	5.372	ug/l	98
7) Trichlorofluoromethane	3.304	101	29389	5.077	ug/l	98
8) Diethyl Ether	3.763	74	11194	5.273	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.128	101	16491	4.999	ug/l	95
10) Methyl Iodide	4.357	142	13959	4.269	ug/l	96
11) Tert butyl alcohol	5.292	59	22179	25.375	ug/l	99
12) 1,1-Dichloroethene	4.116	96	16067	5.192	ug/l #	82
13) Acrolein	3.981	56	23243	26.824	ug/l	95
14) Allyl chloride	4.757	41	26527	5.180	ug/l	95
15) Acrylonitrile	5.481	53	63942	26.727	ug/l	98
16) Acetone	4.222	43	55720	25.669	ug/l	97
17) Carbon Disulfide	4.451	76	42804	5.043	ug/l	99
18) Methyl Acetate	4.781	43	28501	5.280	ug/l	97
19) Methyl tert-butyl Ether	5.534	73	53477	5.047	ug/l	98
20) Methylene Chloride	5.016	84	23338	5.405	ug/l	98
21) trans-1,2-Dichloroethene	5.504	96	17558	5.125	ug/l	85
22) Diisopropyl ether	6.410	45	55889	5.264	ug/l	94
23) Vinyl Acetate	6.351	43	224517	24.928	ug/l	97
24) 1,1-Dichloroethane	6.304	63	34981	5.330	ug/l	97
25) 2-Butanone	7.263	43	89891	26.439	ug/l	96
26) 2,2-Dichloropropane	7.245	77	25327	4.786	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	21641	5.166	ug/l	92
28) Bromochloromethane	7.581	49	14505	5.242	ug/l	99
29) Tetrahydrofuran	7.610	42	55592	25.872	ug/l	96
30) Chloroform	7.745	83	36086	5.194	ug/l	94
31) Cyclohexane	8.022	56	35137	5.823	ug/l #	89
32) 1,1,1-Trichloroethane	7.945	97	28907	5.013	ug/l	97
36) 1,1-Dichloropropene	8.151	75	25144	4.943	ug/l	99
37) Ethyl Acetate	7.339	43	33557	5.229	ug/l	98
38) Carbon Tetrachloride	8.133	117	24961	4.896	ug/l	96
39) Methylcyclohexane	9.392	83	27376	4.571	ug/l	90
40) Benzene	8.392	78	83557	5.103	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073616.D
 Acq On : 28 Jul 2022 10:55
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 01:30:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	15112	5.015	ug/l	94
42) 1,2-Dichloroethane	8.469	62	28765	5.141	ug/l	99
43) Isopropyl Acetate	8.492	43	43183	4.804	ug/l	97
44) Trichloroethene	9.151	130	20206	4.896	ug/l	83
45) 1,2-Dichloropropane	9.428	63	19950	4.869	ug/l	92
46) Dibromomethane	9.516	93	14617	5.119	ug/l	97
47) Bromodichloromethane	9.698	83	26937	4.951	ug/l	94
48) Methyl methacrylate	9.498	41	18987	4.892	ug/l	91
49) 1,4-Dioxane	9.504	88	10412	97.157	ug/l	98
51) 4-Methyl-2-Pentanone	10.275	43	158878	24.916	ug/l	98
52) Toluene	10.445	92	48646	4.889	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	25817	4.775	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	28606	4.718	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	21597	5.089	ug/l	97
56) Ethyl methacrylate	10.704	69	25894	4.493	ug/l	93
57) 1,3-Dichloropropane	10.986	76	36404	5.148	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.980	63	58111	22.063	ug/l	99
59) 2-Hexanone	11.027	43	121294	24.932	ug/l	95
60) Dibromochloromethane	11.174	129	19887	4.708	ug/l	97
61) 1,2-Dibromoethane	11.286	107	21265	4.945	ug/l	95
64) Tetrachloroethene	10.916	164	19951	4.906	ug/l	95
65) Chlorobenzene	11.710	112	53445	4.889	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.780	131	18450	4.770	ug/l	95
67) Ethyl Benzene	11.786	91	86319	4.744	ug/l	98
68) m/p-Xylenes	11.892	106	66776	9.569	ug/l	96
69) o-Xylene	12.221	106	32212	4.757	ug/l	99
70) Styrene	12.233	104	49203	4.542	ug/l	97
71) Bromoform	12.404	173	14546	4.632	ug/l #	95
73) Isopropylbenzene	12.521	105	78865	5.017	ug/l	100
74) N-amyl acetate	12.327	43	29313	4.971	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.768	83	33561	5.541	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	29643m	5.849	ug/l	
77) Bromobenzene	12.798	156	21576	5.313	ug/l	96
78) n-propylbenzene	12.863	91	85424	4.899	ug/l	97
79) 2-Chlorotoluene	12.945	91	55664	5.109	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	62901	4.915	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	8221	4.981	ug/l	91
82) 4-Chlorotoluene	13.045	91	53192	5.098	ug/l	99
83) tert-Butylbenzene	13.263	119	54302	4.807	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	61916	4.932	ug/l	98
85) sec-Butylbenzene	13.439	105	77027	4.948	ug/l	99
86) p-Isopropyltoluene	13.557	119	56278	4.574	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	36953	5.058	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	36692	4.923	ug/l	94
89) n-Butylbenzene	13.880	91	44460	4.406	ug/l	94
90) Hexachloroethane	14.151	117	12919	5.118	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	38469	5.109	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	6039	5.059	ug/l	97
93) 1,2,4-Trichlorobenzene	15.192	180	16264	4.370	ug/l	99
94) Hexachlorobutadiene	15.298	225	10182	5.022	ug/l	97
95) Naphthalene	15.439	128	50223	4.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	16782	4.309	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
Data File : VN073616.D
Acq On : 28 Jul 2022 10:55
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 01:30:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 01:29:16 2022
Response via : Initial Calibration

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

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

