

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075763.D
 Acq On : 14 Dec 2022 10:56
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 11:50:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	274304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	448091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	396078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	15869	5.452	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.900%#		
35) Dibromofluoromethane	8.171	113	15484	5.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.320%#		
50) Toluene-d8	10.571	98	53495	5.210	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.420%#		
62) 4-Bromofluorobenzene	12.853	95	17679	5.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	10768	5.337	ug/l	95
3) Chloromethane	2.371	50	13153	5.472	ug/l	94
4) Vinyl Chloride	2.530	62	15531	5.260	ug/l	99
5) Bromomethane	2.954	94	13776	5.478	ug/l	99
6) Chloroethane	3.124	64	11901	5.402	ug/l	92
7) Trichlorofluoromethane	3.512	101	23865	5.571	ug/l	93
8) Diethyl Ether	3.977	74	8628	5.509	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	13726	5.460	ug/l	96
10) Methyl Iodide	4.595	142	21237	5.169	ug/l	99
11) Tert butyl alcohol	5.536	59	10688	24.823	ug/l #	80
12) 1,1-Dichloroethene	4.348	96	13050	5.553	ug/l	92
13) Acrolein	4.195	56	13513	27.250	ug/l	99
14) Allyl chloride	5.042	41	13840	4.729	ug/l	96
15) Acrylonitrile	5.736	53	30183	27.139	ug/l	94
16) Acetone	4.442	43	25895	26.272	ug/l	99
17) Carbon Disulfide	4.724	76	30751	4.945	ug/l	99
18) Methyl Acetate	5.042	43	14241	4.496	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	40090	5.072	ug/l #	88
20) Methylene Chloride	5.289	84	15625	5.318	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	13354	5.085	ug/l	98
22) Diisopropyl ether	6.677	45	36380	5.464	ug/l #	93
23) Vinyl Acetate	6.618	43	110445	21.753	ug/l	96
24) 1,1-Dichloroethane	6.571	63	24493	5.588	ug/l #	94
25) 2-Butanone	7.489	43	36376	25.246	ug/l	99
26) 2,2-Dichloropropane	7.494	77	19791	5.295	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	16754	5.255	ug/l	99
28) Bromochloromethane	7.812	49	10109	5.769	ug/l #	93
29) Tetrahydrofuran	7.853	42	21829	24.579	ug/l	98
30) Chloroform	7.971	83	26842	5.529	ug/l	97
31) Cyclohexane	8.259	56	24916	5.782	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	23766	5.306	ug/l	88
36) 1,1-Dichloropropene	8.371	75	18856	5.194	ug/l	95
37) Ethyl Acetate	7.565	43	14735	5.056	ug/l	98
38) Carbon Tetrachloride	8.365	117	20611	4.920	ug/l	90
39) Methylcyclohexane	9.606	83	22512	4.891	ug/l	93
40) Benzene	8.606	78	58542	5.255	ug/l	95

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Quant Title : SW846 8260

QLast Update : Wed Dec 14 11:45:57 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	7451	4.986	ug/l #	92
42) 1,2-Dichloroethane	8.677	62	18965	5.089	ug/l	98
43) Isopropyl Acetate	8.689	43	23835	4.898	ug/l	98
44) Trichloroethene	9.353	130	17047	5.424	ug/l	98
45) 1,2-Dichloropropane	9.624	63	15119	5.706	ug/l	97
46) Dibromomethane	9.712	93	10311	5.183	ug/l	95
47) Bromodichloromethane	9.888	83	19764	5.067	ug/l #	97
48) Methyl methacrylate	9.683	41	10738	4.792	ug/l	97
49) 1,4-Dioxane	9.694	88	5457	100.173	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	72699	24.230	ug/l	99
52) Toluene	10.630	92	38453	5.222	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	18020	4.678	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	20777	4.848	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	14622	5.050	ug/l	97
56) Ethyl methacrylate	10.877	69	17778	4.532	ug/l	99
57) 1,3-Dichloropropane	11.165	76	24099	5.150	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	27414	23.667	ug/l	99
59) 2-Hexanone	11.200	43	50169	23.015	ug/l	99
60) Dibromochloromethane	11.359	129	16161	5.073	ug/l	98
61) 1,2-Dibromoethane	11.471	107	14204	4.683	ug/l	94
64) Tetrachloroethene	11.106	164	15103	5.235	ug/l	95
65) Chlorobenzene	11.894	112	42201	5.178	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	15436	5.206	ug/l	98
67) Ethyl Benzene	11.965	91	70182	5.091	ug/l	96
68) m/p-Xylenes	12.071	106	55088	9.889	ug/l	99
69) o-Xylene	12.400	106	27209	5.034	ug/l	99
70) Styrene	12.418	104	39835	4.595	ug/l	97
71) Bromoform	12.576	173	10376	4.617	ug/l #	100
73) Isopropylbenzene	12.700	105	67113	5.192	ug/l	98
74) N-amyl acetate	12.494	43	17462	4.649	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	20848	5.369	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	18335m	5.071	ug/l	
77) Bromobenzene	12.982	156	16960	5.217	ug/l	99
78) n-propylbenzene	13.041	91	72724	5.070	ug/l	99
79) 2-Chlorotoluene	13.129	91	46004	5.195	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	57270	5.299	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	4219	4.368	ug/l #	86
82) 4-Chlorotoluene	13.129	91	46004	5.195	ug/l	99
83) tert-Butylbenzene	13.441	119	50108	5.113	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	54023	4.974	ug/l	98
85) sec-Butylbenzene	13.618	105	67131	4.982	ug/l	98
86) p-Isopropyltoluene	13.735	119	53202	4.719	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	30909	5.084	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	30601	4.948	ug/l	94
89) n-Butylbenzene	14.059	91	42042	4.653	ug/l	98
90) Hexachloroethane	14.329	117	10079	5.219	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	31422	5.194	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3384	5.303	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	12784	4.402	ug/l	94
94) Hexachlorobutadiene	15.506	225	8457	5.132	ug/l	97
95) Naphthalene	15.647	128	33606	3.915	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	13083	4.584	ug/l	97

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

