

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079429.D
 Acq On : 05 Oct 2023 19:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 06 03:05:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 02:55:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	236880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	375925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	21219	5.525	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.040%#		
35) Dibromofluoromethane	8.171	113	17200	5.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.040%#		
50) Toluene-d8	10.571	98	56188	4.981	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.960%#		
62) 4-Bromofluorobenzene	12.853	95	15264	4.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.440%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	14185	4.179	ug/l	95
3) Chloromethane	2.365	50	20529	4.847	ug/l	99
4) Vinyl Chloride	2.512	62	20716	4.702	ug/l	99
5) Bromomethane	2.936	94	15488	5.962	ug/l	94
6) Chloroethane	3.118	64	18358	5.617	ug/l	90
7) Trichlorofluoromethane	3.495	101	25429	4.889	ug/l	99
8) Diethyl Ether	3.971	74	9423	5.082	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.377	101	14703	4.837	ug/l	93
10) Methyl Iodide	4.594	142	10013	3.796	ug/l #	85
11) Tert butyl alcohol	5.530	59	16857	29.161	ug/l	95
12) 1,1-Dichloroethene	4.336	96	14521	5.188	ug/l	92
13) Acrolein	4.183	56	14909	25.902	ug/l	93
14) Allyl chloride	5.024	41	23342	5.168	ug/l #	90
15) Acrylonitrile	5.718	53	42320	25.252	ug/l	96
16) Acetone	4.436	43	36611	24.032	ug/l	95
17) Carbon Disulfide	4.718	76	42693	4.890	ug/l	96
18) Methyl Acetate	5.036	43	39466	5.293	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	43487	4.782	ug/l #	80
20) Methylene Chloride	5.277	84	19623	5.344	ug/l #	91
21) trans-1,2-Dichloroethene	5.794	96	15401	4.711	ug/l	98
22) Diisopropyl ether	6.677	45	49045	4.843	ug/l #	88
23) Vinyl Acetate	6.606	43	132592	23.275	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	31958	5.156	ug/l	99
25) 2-Butanone	7.494	43	56333	24.915	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	23739	5.012	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	18085	5.093	ug/l	86
28) Bromochloromethane	7.818	49	14117	4.787	ug/l #	72
29) Tetrahydrofuran	7.847	42	36047	24.650	ug/l #	74
30) Chloroform	7.971	83	31938	5.100	ug/l	87
31) Cyclohexane	8.253	56	31460	5.774	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	26579	5.043	ug/l #	85
36) 1,1-Dichloropropene	8.382	75	22745	4.861	ug/l	96
37) Ethyl Acetate	7.565	43	22879	4.774	ug/l	95
38) Carbon Tetrachloride	8.359	117	23125	4.937	ug/l	98
39) Methylcyclohexane	9.606	83	20971	4.665	ug/l #	84
40) Benzene	8.606	78	68619	4.938	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	11483	4.691	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	24965	4.944	ug/l	99
43) Isopropyl Acetate	8.694	43	40955	5.021	ug/l #	86
44) Trichloroethene	9.359	130	16544	5.058	ug/l	83
45) 1,2-Dichloropropane	9.629	63	19035	5.199	ug/l	90
46) Dibromomethane	9.712	93	11532	4.863	ug/l	93
47) Bromodichloromethane	9.894	83	23605	4.839	ug/l	86
48) Methyl methacrylate	9.688	41	15635	4.473	ug/l #	83
49) 1,4-Dioxane	9.694	88	5944	92.321	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	111466	24.208	ug/l #	86
52) Toluene	10.635	92	38851	4.750	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	23036	4.686	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	25466	4.732	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	16057	4.890	ug/l	98
56) Ethyl methacrylate	10.882	69	20257	4.489	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	27731	4.890	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	38489	22.272	ug/l	92
59) 2-Hexanone	11.200	43	78753	23.701	ug/l	83
60) Dibromochloromethane	11.365	129	16494	4.998	ug/l	97
61) 1,2-Dibromoethane	11.470	107	16297	5.001	ug/l	100
64) Tetrachloroethene	11.112	164	13117	5.072	ug/l	92
65) Chlorobenzene	11.894	112	43074	5.145	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	15639	5.102	ug/l	98
67) Ethyl Benzene	11.970	91	68617	4.716	ug/l	97
68) m/p-Xylenes	12.076	106	49871	9.432	ug/l	94
69) o-Xylene	12.406	106	23523	4.524	ug/l	92
70) Styrene	12.418	104	36314	4.421	ug/l	99
71) Bromoform	12.582	173	10164	4.530	ug/l #	99
73) Isopropylbenzene	12.700	105	57617	5.073	ug/l	99
74) N-amyl acetate	12.500	43	24187	5.194	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	25092	5.769	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	21646m	5.983	ug/l	
77) Bromobenzene	12.982	156	15425	5.538	ug/l	96
78) n-propylbenzene	13.035	91	64024	4.982	ug/l	98
79) 2-Chlorotoluene	13.129	91	42438	5.161	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	45664	5.098	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	6534	5.386	ug/l #	74
82) 4-Chlorotoluene	13.229	91	39266	5.018	ug/l	99
83) tert-Butylbenzene	13.441	119	37473	5.106	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	43072	5.039	ug/l	98
85) sec-Butylbenzene	13.623	105	55439	5.416	ug/l	97
86) p-Isopropyltoluene	13.735	119	38524	4.906	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	22212	5.028	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	24174	5.300	ug/l	100
89) n-Butylbenzene	14.059	91	31140	4.966	ug/l	97
90) Hexachloroethane	14.341	117	9898	5.274	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	22448	5.210	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	3278	4.991	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	5015	3.758	ug/l	97
94) Hexachlorobutadiene	15.506	225	5808	5.588	ug/l	97
95) Naphthalene	15.647	128	15264	3.746	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	6593	4.140	ug/l	92

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

Manual Integrations

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