

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011524\
 Data File : VN080723.D
 Acq On : 15 Jan 2024 18:40
 Operator : JC\MD
 Sample : VSTDC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2024
 Supervised By : Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 00:43:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111489	42.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.220%		
35) Dibromofluoromethane	8.159	113	80003	45.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.980%		
50) Toluene-d8	10.565	98	322417	48.083	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.160%		
62) 4-Bromofluorobenzene	12.847	95	111532	43.374	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	111844	45.660	ug/l	94
3) Chloromethane	2.359	50	154915	55.949	ug/l	97
4) Vinyl Chloride	2.512	62	120287	54.125	ug/l	91
5) Bromomethane	2.959	94	43377	51.351	ug/l	87
6) Chloroethane	3.118	64	64459	54.116	ug/l	99
7) Trichlorofluoromethane	3.500	101	163869	44.649	ug/l	98
8) Diethyl Ether	3.953	74	76610	47.764	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.365	101	94536	47.259	ug/l	95
10) Methyl Iodide	4.589	142	84549	50.547	ug/l	97
11) Tert butyl alcohol	5.500	59	95723	213.771	ug/l	99
12) 1,1-Dichloroethene	4.342	96	105225	46.745	ug/l #	83
13) Acrolein	4.171	56	94182	251.726	ug/l	96
14) Allyl chloride	5.018	41	206675	46.316	ug/l #	89
15) Acrylonitrile	5.712	53	279523	239.048	ug/l	99
16) Acetone	4.418	43	196376	225.909	ug/l	93
17) Carbon Disulfide	4.712	76	317400	46.100	ug/l	98
18) Methyl Acetate	5.018	43	126326	48.802	ug/l #	84
19) Methyl tert-butyl Ether	5.789	73	369854	47.681	ug/l	93
20) Methylene Chloride	5.271	84	120450	47.465	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	114300	50.059	ug/l #	79
22) Diisopropyl ether	6.671	45	456016	54.193	ug/l #	86
23) Vinyl Acetate	6.600	43	1719148	251.017	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	239679	52.034	ug/l	95
25) 2-Butanone	7.477	43	358931	228.432	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	192262	47.726	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	134361	53.380	ug/l	81
28) Bromochloromethane	7.812	49	104631	48.589	ug/l #	61
29) Tetrahydrofuran	7.835	42	248059	234.222	ug/l #	71
30) Chloroform	7.965	83	213964	49.550	ug/l	98
31) Cyclohexane	8.259	56	200198	48.941	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	181352	47.180	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	167574	46.519	ug/l	93
37) Ethyl Acetate	7.559	43	156623	44.838	ug/l #	92
38) Carbon Tetrachloride	8.359	117	141684	43.805	ug/l	98
39) Methylcyclohexane	9.600	83	168484	48.875	ug/l #	80
40) Benzene	8.606	78	508861	50.249	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	91894	45.353	ug/l	#	78
42) 1,2-Dichloroethane	8.671	62	168634	43.497	ug/l		97
43) Isopropyl Acetate	8.688	43	288684	44.960	ug/l	#	89
44) Trichloroethene	9.353	130	105783	46.142	ug/l		89
45) 1,2-Dichloropropane	9.624	63	136372	50.794	ug/l		95
46) Dibromomethane	9.706	93	79522	46.816	ug/l		94
47) Bromodichloromethane	9.888	83	169767	45.029	ug/l	#	99
48) Methyl methacrylate	9.682	41	140608	46.253	ug/l	#	75
49) 1,4-Dioxane	9.688	88	31699	836.874	ug/l	#	62
51) 4-Methyl-2-Pentanone	10.441	43	796714	230.001	ug/l		87
52) Toluene	10.629	92	293485	50.583	ug/l		97
53) t-1,3-Dichloropropene	10.835	75	200686	47.958	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	217534	49.020	ug/l	#	86
55) 1,1,2-Trichloroethane	11.018	97	108819	48.727	ug/l		90
56) Ethyl methacrylate	10.871	69	185241	46.310	ug/l	#	72
57) 1,3-Dichloropropane	11.159	76	207395	50.869	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	492608	257.117	ug/l	#	84
59) 2-Hexanone	11.194	43	573796	224.389	ug/l		85
60) Dibromochloromethane	11.359	129	105808	46.100	ug/l		99
61) 1,2-Dibromoethane	11.465	107	107109	48.790	ug/l		96
64) Tetrachloroethene	11.106	164	85456	47.186	ug/l		97
65) Chlorobenzene	11.888	112	284637	49.402	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	94809	46.347	ug/l		97
67) Ethyl Benzene	11.965	91	544838	49.522	ug/l		94
68) m/p-Xylenes	12.070	106	384241	99.341	ug/l		87
69) o-Xylene	12.400	106	195046	51.574	ug/l		91
70) Styrene	12.412	104	320118	49.847	ug/l		95
71) Bromoform	12.576	173	63724	45.280	ug/l	#	100
73) Isopropylbenzene	12.694	105	479475	50.559	ug/l		97
74) N-amyl acetate	12.494	43	268865	47.242	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	144685	46.510	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	127640m	41.506	ug/l		
77) Bromobenzene	12.982	156	98302	48.803	ug/l		76
78) n-propylbenzene	13.035	91	587554	50.506	ug/l		93
79) 2-Chlorotoluene	13.123	91	348194	46.703	ug/l		94
80) 1,3,5-Trimethylbenzene	13.176	105	384199	48.612	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.735	75	58317	44.705	ug/l		89
82) 4-Chlorotoluene	13.223	91	354121	48.451	ug/l		91
83) tert-Butylbenzene	13.441	119	308743	48.865	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	380440	48.953	ug/l		100
85) sec-Butylbenzene	13.617	105	450925	50.230	ug/l		96
86) p-Isopropyltoluene	13.729	119	346857	48.921	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	175190	48.695	ug/l		97
88) 1,4-Dichlorobenzene	13.812	146	175378	47.850	ug/l		97
89) n-Butylbenzene	14.059	91	340684	49.851	ug/l		97
90) Hexachloroethane	14.329	117	61061	46.439	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	166757	49.188	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28694	40.227	ug/l		80
93) 1,2,4-Trichlorobenzene	15.394	180	82568	46.764	ug/l		97
94) Hexachlorobutadiene	15.500	225	37445	44.192	ug/l		98
95) Naphthalene	15.641	128	301197	43.346	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	78838	46.130	ug/l		98

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 Supervised By : Mahesh
 Dadoda

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

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