

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081370.D
 Acq On : 12 Mar 2024 11:45
 Operator : JC\MD
 Sample : VN0312WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS01

Quant Time: Mar 13 04:50:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	326046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	593547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	516992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	242622	51.466	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.940%			
35) Dibromofluoromethane	8.165	113	188651	51.878	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.760%			
50) Toluene-d8	10.565	98	697657	51.321	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.853	95	247730	51.561	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	89178	20.633	ug/l	99
3) Chloromethane	2.359	50	80547	17.253	ug/l	98
4) Vinyl Chloride	2.512	62	86496	17.760	ug/l	90
5) Bromomethane	2.959	94	55928	17.194	ug/l	91
6) Chloroethane	3.124	64	59298	17.727	ug/l	94
7) Trichlorofluoromethane	3.500	101	139516	19.364	ug/l	98
8) Diethyl Ether	3.959	74	48612	19.151	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	74945	18.266	ug/l	93
10) Methyl Iodide	4.594	142	71287	18.986	ug/l	98
11) Tert butyl alcohol	5.518	59	78625	95.381	ug/l #	87
12) 1,1-Dichloroethene	4.347	96	68223	17.955	ug/l	92
13) Acrolein	4.177	56	77106	78.994	ug/l	94
14) Allyl chloride	5.018	41	101933	18.077	ug/l #	85
15) Acrylonitrile	5.718	53	201718	93.670	ug/l	96
16) Acetone	4.430	43	160083	95.842	ug/l	100
17) Carbon Disulfide	4.718	76	178295	16.441	ug/l #	95
18) Methyl Acetate	5.024	43	104279	21.806	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	239590	18.592	ug/l	98
20) Methylene Chloride	5.283	84	81713	19.307	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	76191	17.786	ug/l	83
22) Diisopropyl ether	6.671	45	253696	20.256	ug/l #	92
23) Vinyl Acetate	6.600	43	981579	96.471	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	147170	19.196	ug/l	96
25) 2-Butanone	7.483	43	260735	93.213	ug/l	94
26) 2,2-Dichloropropane	7.488	77	129778	19.152	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	87220	17.958	ug/l	93
28) Bromochloromethane	7.812	49	59209	18.049	ug/l #	75
29) Tetrahydrofuran	7.841	42	182160	95.501	ug/l	91
30) Chloroform	7.965	83	154514	19.421	ug/l	98
31) Cyclohexane	8.259	56	129521	18.147	ug/l	85
32) 1,1,1-Trichloroethane	8.165	97	141264	20.087	ug/l	88
36) 1,1-Dichloropropene	8.371	75	110277	18.797	ug/l	98
37) Ethyl Acetate	7.559	43	112443	19.607	ug/l	99
38) Carbon Tetrachloride	8.365	117	120140	20.347	ug/l	98
39) Methylcyclohexane	9.600	83	125799	18.632	ug/l	87
40) Benzene	8.606	78	336093	19.193	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	60978	18.828	ug/l	97
42) 1,2-Dichloroethane	8.671	62	124003	20.084	ug/l	98
43) Isopropyl Acetate	8.688	43	187331	18.663	ug/l	98
44) Trichloroethene	9.353	130	84790	19.198	ug/l	91
45) 1,2-Dichloropropane	9.624	63	84313	19.166	ug/l	100
46) Dibromomethane	9.712	93	58100	18.738	ug/l	94
47) Bromodichloromethane	9.888	83	121199	20.135	ug/l #	98
48) Methyl methacrylate	9.682	41	86774	19.557	ug/l	93
49) 1,4-Dioxane	9.694	88	35354	361.513	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	574868	98.632	ug/l	96
52) Toluene	10.629	92	204525	19.334	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	127463	19.571	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	136573	19.425	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	79462	18.943	ug/l	98
56) Ethyl methacrylate	10.876	69	120617	20.024	ug/l	92
57) 1,3-Dichloropropane	11.165	76	144893	19.791	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	297494	91.815	ug/l #	89
59) 2-Hexanone	11.200	43	432771	99.322	ug/l	97
60) Dibromochloromethane	11.359	129	85847	19.871	ug/l	98
61) 1,2-Dibromoethane	11.471	107	83132	19.100	ug/l	95
64) Tetrachloroethene	11.106	164	79648	19.676	ug/l	93
65) Chlorobenzene	11.894	112	208555	19.143	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	79477	19.936	ug/l	98
67) Ethyl Benzene	11.965	91	390941	19.921	ug/l	96
68) m/p-Xylenes	12.076	106	294432	39.866	ug/l	98
69) o-Xylene	12.400	106	139486	19.488	ug/l	99
70) Styrene	12.412	104	233152	20.555	ug/l	97
71) Bromoform	12.582	173	53691	19.399	ug/l #	92
73) Isopropylbenzene	12.694	105	372549	19.415	ug/l	98
74) N-amyl acetate	12.494	43	151723	18.844	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	114617	19.355	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	108508m	19.332	ug/l	
77) Bromobenzene	12.982	156	85764	18.851	ug/l	81
78) n-propylbenzene	13.035	91	445690	19.637	ug/l	97
79) 2-Chlorotoluene	13.129	91	266972	19.244	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	321074	20.242	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	36987	18.391	ug/l	88
82) 4-Chlorotoluene	13.223	91	263422	19.224	ug/l	98
83) tert-Butylbenzene	13.441	119	265523	19.525	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	312442	19.441	ug/l	95
85) sec-Butylbenzene	13.617	105	379232	19.276	ug/l	95
86) p-Isopropyltoluene	13.729	119	312617	19.814	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	162073	18.866	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	162403	18.913	ug/l	97
89) n-Butylbenzene	14.059	91	271121	18.739	ug/l	97
90) Hexachloroethane	14.335	117	54663	19.790	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	156885	19.034	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24617	19.426	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	80954	18.375	ug/l	97
94) Hexachlorobutadiene	15.506	225	32896	18.070	ug/l	94
95) Naphthalene	15.641	128	291767	18.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	84166	18.838	ug/l	100

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

