

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081371.D
 Acq On : 12 Mar 2024 12:19
 Operator : JC\MD
 Sample : VN0312WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 13 04:50:55 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	317265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	573180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	515545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	241724	52.694	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.380%			
35) Dibromofluoromethane	8.171	113	181042	51.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	10.571	98	677798	51.632	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.260%			
62) 4-Bromofluorobenzene	12.853	95	237933	51.281	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83964	19.964	ug/l	96
3) Chloromethane	2.365	50	81914	18.031	ug/l	100
4) Vinyl Chloride	2.518	62	82422	17.392	ug/l	93
5) Bromomethane	2.953	94	54901	17.345	ug/l	94
6) Chloroethane	3.118	64	56111	17.238	ug/l #	87
7) Trichlorofluoromethane	3.495	101	129052	18.407	ug/l	95
8) Diethyl Ether	3.959	74	49792	20.158	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	72463	18.150	ug/l	92
10) Methyl Iodide	4.589	142	72721	19.904	ug/l #	96
11) Tert butyl alcohol	5.512	59	74040	92.305	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	68251	18.459	ug/l	84
13) Acrolein	4.177	56	79538	83.741	ug/l	100
14) Allyl chloride	5.030	41	100117	18.246	ug/l	89
15) Acrylonitrile	5.718	53	199644	95.273	ug/l	97
16) Acetone	4.424	43	149919	92.241	ug/l	94
17) Carbon Disulfide	4.718	76	173522	16.444	ug/l	98
18) Methyl Acetate	5.018	43	103630	22.270	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	248165	19.790	ug/l	94
20) Methylene Chloride	5.283	84	80596	19.581	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	71661	17.191	ug/l	94
22) Diisopropyl ether	6.671	45	251982	20.676	ug/l	94
23) Vinyl Acetate	6.606	43	968002	97.770	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	145160	19.457	ug/l	98
25) 2-Butanone	7.483	43	255114	93.727	ug/l	98
26) 2,2-Dichloropropane	7.494	77	122973	18.650	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	87374	18.488	ug/l	90
28) Bromochloromethane	7.812	49	58022	18.176	ug/l #	67
29) Tetrahydrofuran	7.841	42	175837	94.737	ug/l	91
30) Chloroform	7.965	83	152430	19.689	ug/l	95
31) Cyclohexane	8.259	56	125013	18.000	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	133127	19.454	ug/l	95
36) 1,1-Dichloropropene	8.371	75	108892	19.220	ug/l	96
37) Ethyl Acetate	7.559	43	102805	18.563	ug/l	99
38) Carbon Tetrachloride	8.359	117	109017	19.119	ug/l	97
39) Methylcyclohexane	9.606	83	119182	18.279	ug/l	92
40) Benzene	8.612	78	318169	18.815	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	64398	20.591	ug/l	95
42) 1,2-Dichloroethane	8.671	62	123901	20.780	ug/l	98
43) Isopropyl Acetate	8.688	43	183216	18.901	ug/l #	96
44) Trichloroethene	9.353	130	84230	19.749	ug/l	93
45) 1,2-Dichloropropane	9.624	63	83337	19.617	ug/l	98
46) Dibromomethane	9.712	93	59175	19.762	ug/l #	91
47) Bromodichloromethane	9.888	83	117122	20.149	ug/l #	96
48) Methyl methacrylate	9.682	41	84471	19.715	ug/l	92
49) 1,4-Dioxane	9.694	88	35044	371.076	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	567269	100.786	ug/l	97
52) Toluene	10.629	92	199241	19.504	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	129182	20.539	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	134769	19.849	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	79438	19.610	ug/l	93
56) Ethyl methacrylate	10.876	69	119889	20.611	ug/l	92
57) 1,3-Dichloropropane	11.165	76	144901	20.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	295177	94.337	ug/l #	88
59) 2-Hexanone	11.200	43	417138	99.136	ug/l	96
60) Dibromochloromethane	11.359	129	84705	20.303	ug/l	99
61) 1,2-Dibromoethane	11.471	107	82136	19.541	ug/l	94
64) Tetrachloroethene	11.106	164	78600	19.471	ug/l	87
65) Chlorobenzene	11.894	112	212319	19.544	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	77128	19.401	ug/l	96
67) Ethyl Benzene	11.965	91	383242	19.584	ug/l	98
68) m/p-Xylenes	12.076	106	281240	38.187	ug/l	99
69) o-Xylene	12.400	106	136016	19.056	ug/l	100
70) Styrene	12.412	104	225627	19.947	ug/l	95
71) Bromoform	12.582	173	53355	19.332	ug/l #	95
73) Isopropylbenzene	12.694	105	365330	19.281	ug/l	99
74) N-amyl acetate	12.494	43	152816	19.222	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	108883	18.621	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	90727m	16.370	ug/l	
77) Bromobenzene	12.982	156	83110	18.500	ug/l	82
78) n-propylbenzene	13.035	91	443173	19.775	ug/l	97
79) 2-Chlorotoluene	13.129	91	262823	19.186	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	309757	19.777	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	37384	18.825	ug/l	85
82) 4-Chlorotoluene	13.223	91	256215	18.936	ug/l	93
83) tert-Butylbenzene	13.441	119	253373	18.869	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	315577	19.887	ug/l	95
85) sec-Butylbenzene	13.617	105	371386	19.118	ug/l	93
86) p-Isopropyltoluene	13.735	119	307877	19.763	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	154523	18.216	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	157938	18.628	ug/l	98
89) n-Butylbenzene	14.059	91	267363	18.715	ug/l	98
90) Hexachloroethane	14.335	117	53383	19.573	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	154135	18.939	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23893	19.095	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	84226	19.361	ug/l	99
94) Hexachlorobutadiene	15.506	225	32039	17.823	ug/l	95
95) Naphthalene	15.641	128	290106	18.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	80841	18.324	ug/l	98

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

