

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081339.D
 Acq On : 08 Mar 2024 11:17
 Operator : JC\MD
 Sample : VN0308WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2024
 Supervised By :Mahesh Dadoda 03/11/2024

Quant Time: Mar 09 00:54:45 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	316018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	585247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	520764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	230414	50.427	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.860%			
35) Dibromofluoromethane	8.171	113	179127	49.957	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.920%			
50) Toluene-d8	10.565	98	677646	50.556	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.120%			
62) 4-Bromofluorobenzene	12.847	95	231683	48.905	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84954	20.280	ug/l	98
3) Chloromethane	2.359	50	81309	17.969	ug/l	98
4) Vinyl Chloride	2.512	62	86905	18.410	ug/l #	89
5) Bromomethane	2.965	94	55144	17.491	ug/l	93
6) Chloroethane	3.124	64	57072	17.603	ug/l	94
7) Trichlorofluoromethane	3.500	101	134488	19.258	ug/l	94
8) Diethyl Ether	3.965	74	44191	17.961	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	71681	18.025	ug/l #	90
10) Methyl Iodide	4.583	142	67159	18.455	ug/l #	96
11) Tert butyl alcohol	5.524	59	72378	90.589	ug/l	99
12) 1,1-Dichloroethene	4.336	96	68717	18.659	ug/l	94
13) Acrolein	4.177	56	85707	90.592	ug/l	97
14) Allyl chloride	5.024	41	95297	17.436	ug/l #	87
15) Acrylonitrile	5.718	53	197452	94.599	ug/l	98
16) Acetone	4.418	43	147117	90.874	ug/l	96
17) Carbon Disulfide	4.712	76	182254	17.339	ug/l #	95
18) Methyl Acetate	5.024	43	101182	21.830	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	230630	18.464	ug/l	97
20) Methylene Chloride	5.271	84	76881	18.718	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	73791	17.772	ug/l	98
22) Diisopropyl ether	6.671	45	242708	19.993	ug/l	97
23) Vinyl Acetate	6.606	43	918134	93.099	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	141535	19.046	ug/l	100
25) 2-Butanone	7.483	43	252272	93.049	ug/l	98
26) 2,2-Dichloropropane	7.488	77	122350	18.629	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	85398	18.141	ug/l	89
28) Bromochloromethane	7.818	49	59849	18.823	ug/l #	71
29) Tetrahydrofuran	7.841	42	170572	92.263	ug/l #	90
30) Chloroform	7.965	83	146753	19.031	ug/l	93
31) Cyclohexane	8.259	56	122864	17.760	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	131440	19.283	ug/l	89
36) 1,1-Dichloropropene	8.371	75	108694	18.790	ug/l	97
37) Ethyl Acetate	7.559	43	108024	19.103	ug/l	99
38) Carbon Tetrachloride	8.359	117	108813	18.690	ug/l	95
39) Methylcyclohexane	9.606	83	121019	18.178	ug/l	93
40) Benzene	8.606	78	322019	18.650	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	58335	18.268	ug/l	97
42) 1,2-Dichloroethane	8.677	62	117248	19.259	ug/l	99
43) Isopropyl Acetate	8.688	43	182700	18.459	ug/l	98
44) Trichloroethene	9.359	130	81230	18.653	ug/l	91
45) 1,2-Dichloropropane	9.624	63	82201	18.951	ug/l	100
46) Dibromomethane	9.712	93	57158	18.695	ug/l	94
47) Bromodichloromethane	9.888	83	113510	19.125	ug/l #	99
48) Methyl methacrylate	9.682	41	84471	19.308	ug/l	96
49) 1,4-Dioxane	9.694	88	34555	358.354	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	544864	94.810	ug/l	96
52) Toluene	10.629	92	201022	19.273	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	120525	18.768	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	132686	19.140	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	77811	18.812	ug/l	91
56) Ethyl methacrylate	10.876	69	116072	19.543	ug/l	89
57) 1,3-Dichloropropane	11.165	76	139412	19.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	303412	94.970	ug/l #	90
59) 2-Hexanone	11.194	43	411307	95.735	ug/l	97
60) Dibromochloromethane	11.359	129	83849	19.684	ug/l	99
61) 1,2-Dibromoethane	11.471	107	81968	19.099	ug/l	99
64) Tetrachloroethene	11.106	164	79657	19.535	ug/l	87
65) Chlorobenzene	11.894	112	210700	19.200	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	74341	18.513	ug/l	96
67) Ethyl Benzene	11.965	91	370235	18.729	ug/l	96
68) m/p-Xylenes	12.070	106	283320	38.084	ug/l	99
69) o-Xylene	12.400	106	136942	18.994	ug/l	98
70) Styrene	12.412	104	224897	19.683	ug/l	97
71) Bromoform	12.576	173	52645	18.884	ug/l #	96
73) Isopropylbenzene	12.700	105	359597	19.114	ug/l	99
74) N-amyl acetate	12.494	43	148738	18.842	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	106955	18.422	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	101793m	18.498	ug/l	
77) Bromobenzene	12.982	156	78642	17.631	ug/l	79
78) n-propylbenzene	13.035	91	431731	19.402	ug/l	97
79) 2-Chlorotoluene	13.129	91	260164	19.128	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	310561	19.970	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	36766m	18.646	ug/l	
82) 4-Chlorotoluene	13.223	91	253939	18.902	ug/l	95
83) tert-Butylbenzene	13.441	119	257575	19.319	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	307089	19.490	ug/l	97
85) sec-Butylbenzene	13.617	105	365353	18.942	ug/l	96
86) p-Isopropyltoluene	13.729	119	297806	19.253	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	150671	17.889	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	155501	18.471	ug/l	95
89) n-Butylbenzene	14.059	91	266679	18.800	ug/l	97
90) Hexachloroethane	14.335	117	50820	18.766	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	148324	18.355	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22224	17.888	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	78220	18.109	ug/l	97
94) Hexachlorobutadiene	15.506	225	29824	16.710	ug/l	97
95) Naphthalene	15.641	128	282277	18.365	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	77885	17.780	ug/l	98

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

