

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082233.D
 Acq On : 21 May 2024 12:16
 Operator : JC\MD
 Sample : VN0521WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

Quant Time: May 22 01:24:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	181699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136910	47.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.440%		
35) Dibromofluoromethane	8.165	113	94177	49.200	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.400%		
50) Toluene-d8	10.571	98	348035	47.424	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.847	95	124553	47.551	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49186	18.776	ug/l	100
3) Chloromethane	2.359	50	54264	18.278	ug/l	99
4) Vinyl Chloride	2.512	62	50617	18.136	ug/l	98
5) Bromomethane	2.959	94	30272	18.870	ug/l	98
6) Chloroethane	3.124	64	33634	18.455	ug/l	93
7) Trichlorofluoromethane	3.500	101	70667	19.336	ug/l	97
8) Diethyl Ether	3.959	74	26967	20.712	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	42139	19.738	ug/l	98
10) Methyl Iodide	4.589	142	37749	17.588	ug/l #	96
11) Tert butyl alcohol	5.518	59	46254	100.432	ug/l	100
12) 1,1-Dichloroethene	4.342	96	37678	18.987	ug/l #	79
13) Acrolein	4.177	56	31748	93.025	ug/l	96
14) Allyl chloride	5.024	41	78896	18.570	ug/l #	91
15) Acrylonitrile	5.718	53	125920	105.569	ug/l	99
16) Acetone	4.424	43	111145	94.435	ug/l #	88
17) Carbon Disulfide	4.712	76	109636	17.106	ug/l	98
18) Methyl Acetate	5.024	43	61862	21.106	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	147648	20.356	ug/l	97
20) Methylene Chloride	5.277	84	46688	19.661	ug/l #	79
21) trans-1,2-Dichloroethene	5.788	96	40845	18.888	ug/l #	73
22) Diisopropyl ether	6.671	45	179877	20.276	ug/l #	93
23) Vinyl Acetate	6.600	43	710311	101.552	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	88720	19.402	ug/l	98
25) 2-Butanone	7.482	43	180560	101.186	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	74243	19.385	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	50292	19.706	ug/l	80
28) Bromochloromethane	7.812	49	39773	19.407	ug/l #	75
29) Tetrahydrofuran	7.841	42	117587	102.633	ug/l #	83
30) Chloroform	7.965	83	87554	20.051	ug/l	96
31) Cyclohexane	8.253	56	82951	18.102	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	74750	19.296	ug/l	92
36) 1,1-Dichloropropene	8.371	75	60337	18.795	ug/l	96
37) Ethyl Acetate	7.559	43	72282	20.119	ug/l #	96
38) Carbon Tetrachloride	8.365	117	64599	19.850	ug/l	98
39) Methylcyclohexane	9.606	83	66326	18.848	ug/l #	85
40) Benzene	8.606	78	189587	19.804	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	42084	19.917	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	75090	20.394	ug/l	94
43) Isopropyl Acetate	8.688	43	140264	22.033	ug/l #	87
44) Trichloroethene	9.353	130	43345	19.932	ug/l	98
45) 1,2-Dichloropropane	9.624	63	49505	20.042	ug/l	95
46) Dibromomethane	9.706	93	33416	20.606	ug/l	98
47) Bromodichloromethane	9.888	83	70375	20.557	ug/l	98
48) Methyl methacrylate	9.676	41	63554	20.951	ug/l #	82
49) 1,4-Dioxane	9.694	88	18086	425.481	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	379010	104.785	ug/l	90
52) Toluene	10.629	92	116202	20.227	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	73943	20.884	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	76529	20.420	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	43142	20.664	ug/l	96
56) Ethyl methacrylate	10.876	69	72821	20.544	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	78435	20.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	197971	108.281	ug/l	90
59) 2-Hexanone	11.194	43	276385	104.359	ug/l	89
60) Dibromochloromethane	11.359	129	50533	21.933	ug/l	98
61) 1,2-Dibromoethane	11.470	107	44376	20.694	ug/l	97
64) Tetrachloroethene	11.106	164	42651	20.134	ug/l	95
65) Chlorobenzene	11.894	112	124443	19.710	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	43233	20.788	ug/l	100
67) Ethyl Benzene	11.965	91	219691	19.451	ug/l	98
68) m/p-Xylenes	12.070	106	162318	39.212	ug/l	94
69) o-Xylene	12.400	106	77577	19.347	ug/l	90
70) Styrene	12.412	104	133190	19.998	ug/l	96
71) Bromoform	12.582	173	31145	19.266	ug/l #	98
73) Isopropylbenzene	12.700	105	198579	18.966	ug/l	98
74) N-amyl acetate	12.494	43	107953	18.745	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	57979	19.210	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	57331m	20.668	ug/l	
77) Bromobenzene	12.982	156	47778	19.148	ug/l	87
78) n-propylbenzene	13.035	91	239820	19.343	ug/l	97
79) 2-Chlorotoluene	13.123	91	146253	18.785	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	166263	19.639	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	21783	18.367	ug/l #	68
82) 4-Chlorotoluene	13.223	91	146811	19.287	ug/l	95
83) tert-Butylbenzene	13.441	119	140655	18.991	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	168266	19.427	ug/l	98
85) sec-Butylbenzene	13.617	105	199115	19.395	ug/l	97
86) p-Isopropyltoluene	13.729	119	163865	19.640	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	87969	19.460	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	89139	19.320	ug/l	97
89) n-Butylbenzene	14.059	91	144497	19.269	ug/l	98
90) Hexachloroethane	14.335	117	29891	19.337	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	87001	20.332	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12343	19.905	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	46153	19.242	ug/l	100
94) Hexachlorobutadiene	15.500	225	20206	19.199	ug/l	99
95) Naphthalene	15.641	128	146148	19.443	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45785	19.068	ug/l	95

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

