

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082152.D
 Acq On : 16 May 2024 11:10
 Operator : JC\MD
 Sample : VN0516WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024

Quant Time: May 17 02:57:37 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	208539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	357432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162844	49.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.900%		
35) Dibromofluoromethane	8.165	113	111726	50.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.620%		
50) Toluene-d8	10.565	98	421843	50.041	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.080%		
62) 4-Bromofluorobenzene	12.853	95	141159	46.915	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52172	17.352	ug/l	100
3) Chloromethane	2.365	50	57959	17.010	ug/l	99
4) Vinyl Chloride	2.518	62	54981	17.164	ug/l	98
5) Bromomethane	2.965	94	30218	16.412	ug/l	96
6) Chloroethane	3.130	64	36134	17.275	ug/l	98
7) Trichlorofluoromethane	3.500	101	73185	17.447	ug/l	100
8) Diethyl Ether	3.965	74	26035	17.423	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	42297	17.262	ug/l	96
10) Methyl Iodide	4.589	142	41991	17.047	ug/l	95
11) Tert butyl alcohol	5.524	59	47155	89.211	ug/l	99
12) 1,1-Dichloroethene	4.342	96	39713	17.437	ug/l #	79
13) Acrolein	4.177	56	42329	108.065	ug/l	95
14) Allyl chloride	5.018	41	82451	16.909	ug/l #	91
15) Acrylonitrile	5.718	53	119385	87.208	ug/l	99
16) Acetone	4.424	43	115803	85.729	ug/l	92
17) Carbon Disulfide	4.712	76	118841	16.156	ug/l	98
18) Methyl Acetate	5.024	43	56970	16.935	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	143176	17.199	ug/l	93
20) Methylene Chloride	5.277	84	46481	17.055	ug/l #	70
21) trans-1,2-Dichloroethene	5.783	96	41339	16.656	ug/l #	75
22) Diisopropyl ether	6.671	45	173846	17.074	ug/l #	89
23) Vinyl Acetate	6.600	43	701048	87.328	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	89744	17.100	ug/l	94
25) 2-Butanone	7.483	43	183489	89.593	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	77252	17.574	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	50428	17.217	ug/l	81
28) Bromochloromethane	7.812	49	43920	18.655	ug/l #	75
29) Tetrahydrofuran	7.841	42	118283	89.953	ug/l #	82
30) Chloroform	7.965	83	87228	17.405	ug/l	92
31) Cyclohexane	8.259	56	84587	16.083	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	77900	17.521	ug/l	94
36) 1,1-Dichloropropene	8.371	75	63473	17.212	ug/l	94
37) Ethyl Acetate	7.565	43	71033	17.212	ug/l	96
38) Carbon Tetrachloride	8.365	117	66425	17.769	ug/l	99
39) Methylcyclohexane	9.600	83	69788	17.265	ug/l #	84
40) Benzene	8.606	78	191961	17.456	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	41693	17.178	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	73388	17.352	ug/l	95
43) Isopropyl Acetate	8.688	43	127412	17.423	ug/l #	89
44) Trichloroethene	9.353	130	43135	17.268	ug/l	97
45) 1,2-Dichloropropane	9.624	63	48473	17.084	ug/l	93
46) Dibromomethane	9.712	93	32009	17.184	ug/l	97
47) Bromodichloromethane	9.888	83	68170	17.335	ug/l #	99
48) Methyl methacrylate	9.682	41	62092	17.820	ug/l #	80
49) 1,4-Dioxane	9.694	88	17841	365.390	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	375818	90.453	ug/l	90
52) Toluene	10.629	92	116864	17.709	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	69873	17.180	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	74653	17.341	ug/l #	75
55) 1,1,2-Trichloroethane	11.018	97	41433	17.277	ug/l	97
56) Ethyl methacrylate	10.876	69	70440	17.300	ug/l #	67
57) 1,3-Dichloropropane	11.165	76	76170	16.987	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	201470	95.932	ug/l	89
59) 2-Hexanone	11.194	43	274946	90.378	ug/l	89
60) Dibromochloromethane	11.359	129	47151	17.816	ug/l	99
61) 1,2-Dibromoethane	11.471	107	42760	17.359	ug/l	97
64) Tetrachloroethene	11.100	164	41899	17.941	ug/l	94
65) Chlorobenzene	11.894	112	121840	17.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	41864	18.259	ug/l	98
67) Ethyl Benzene	11.965	91	218501	17.548	ug/l	99
68) m/p-Xylenes	12.071	106	159800	35.017	ug/l	90
69) o-Xylene	12.400	106	77524	17.537	ug/l	91
70) Styrene	12.412	104	130519	17.776	ug/l	95
71) Bromoform	12.582	173	29021	16.393	ug/l #	98
73) Isopropylbenzene	12.694	105	200163	18.188	ug/l	98
74) N-amyl acetate	12.494	43	107848	17.816	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	57188	18.027	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	60508m	20.753	ug/l	
77) Bromobenzene	12.982	156	46460	17.715	ug/l	89
78) n-propylbenzene	13.035	91	238424	18.296	ug/l	96
79) 2-Chlorotoluene	13.123	91	147807	18.062	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	165982	18.653	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	21452	17.209	ug/l #	79
82) 4-Chlorotoluene	13.223	91	143680	17.958	ug/l	94
83) tert-Butylbenzene	13.441	119	140101	17.996	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	166938	18.337	ug/l	96
85) sec-Butylbenzene	13.617	105	196402	18.201	ug/l	98
86) p-Isopropyltoluene	13.729	119	163329	18.625	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	85516	17.998	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	83376	17.193	ug/l	94
89) n-Butylbenzene	14.059	91	139823	17.739	ug/l	97
90) Hexachloroethane	14.335	117	28887	17.779	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	81278	18.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12089	18.547	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	44261	17.556	ug/l	98
94) Hexachlorobutadiene	15.506	225	18961	17.140	ug/l	99
95) Naphthalene	15.641	128	140266	17.754	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	44257	17.536	ug/l	98

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

