

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082483.D
 Acq On : 07 Jun 2024 11:22
 Operator : JC\MD
 Sample : VN0607WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 06/10/2024

Supervised By :Mahesh
 Dadoda
 06/10/2024

Quant Time: Jun 08 00:54:43 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	159267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	249377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130705	51.973	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.940%			
35) Dibromofluoromethane	8.171	113	92288	55.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.760%			
50) Toluene-d8	10.571	98	317462	49.686	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.853	95	116046	50.886	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	46436	20.223	ug/l	99
3) Chloromethane	2.365	50	53136	20.419	ug/l	96
4) Vinyl Chloride	2.518	62	49659	20.298	ug/l	100
5) Bromomethane	2.959	94	29790	21.185	ug/l	95
6) Chloroethane	3.118	64	33363	20.885	ug/l	98
7) Trichlorofluoromethane	3.495	101	67533	21.081	ug/l	91
8) Diethyl Ether	3.959	74	23775	20.833	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	38256	20.443	ug/l	98
10) Methyl Iodide	4.583	142	37007	19.671	ug/l	98
11) Tert butyl alcohol	5.524	59	42614	105.561	ug/l	98
12) 1,1-Dichloroethene	4.336	96	34825	20.021	ug/l	81
13) Acrolein	4.183	56	34893	116.640	ug/l	98
14) Allyl chloride	5.024	41	71230	19.127	ug/l #	90
15) Acrylonitrile	5.724	53	116685	111.605	ug/l	99
16) Acetone	4.430	43	106230	102.972	ug/l	89
17) Carbon Disulfide	4.712	76	108088	19.240	ug/l	99
18) Methyl Acetate	5.024	43	59233	23.055	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	134936	21.224	ug/l	95
20) Methylene Chloride	5.277	84	44073	21.174	ug/l #	78
21) trans-1,2-Dichloroethene	5.783	96	38132	20.117	ug/l	84
22) Diisopropyl ether	6.671	45	160915	20.693	ug/l #	92
23) Vinyl Acetate	6.606	43	640436	104.458	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	84382	21.053	ug/l	98
25) 2-Butanone	7.488	43	169061	108.086	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	67846	20.209	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	47274	21.133	ug/l	83
28) Bromochloromethane	7.812	49	35948	20.026	ug/l #	76
29) Tetrahydrofuran	7.841	42	112861	112.382	ug/l #	81
30) Chloroform	7.971	83	80780	21.105	ug/l	99
31) Cyclohexane	8.259	56	72122	17.956	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	70714	20.825	ug/l	95
36) 1,1-Dichloropropene	8.377	75	55981	20.029	ug/l	96
37) Ethyl Acetate	7.565	43	69179	22.116	ug/l #	94
38) Carbon Tetrachloride	8.359	117	60006	21.178	ug/l	100
39) Methylcyclohexane	9.606	83	57173	18.661	ug/l #	82
40) Benzene	8.606	78	174864	20.980	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	38211	20.771	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	68950	21.509	ug/l	97
43) Isopropyl Acetate	8.688	43	133773	24.135	ug/l #	86
44) Trichloroethene	9.353	130	40468	21.374	ug/l	97
45) 1,2-Dichloropropane	9.624	63	46364	21.560	ug/l	97
46) Dibromomethane	9.712	93	31044	21.988	ug/l	99
47) Bromodichloromethane	9.888	83	66413	22.282	ug/l #	97
48) Methyl methacrylate	9.682	41	56375	21.346	ug/l #	82
49) 1,4-Dioxane	9.694	88	18147	490.346	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	359272	114.086	ug/l	89
52) Toluene	10.635	92	107716	21.535	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	65792	21.343	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	71546	21.927	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	41710	22.947	ug/l	96
56) Ethyl methacrylate	10.876	69	68065	22.056	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	75876	22.326	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	153832	96.640	ug/l	91
59) 2-Hexanone	11.200	43	262342	113.774	ug/l	88
60) Dibromochloromethane	11.359	129	47165	23.513	ug/l	96
61) 1,2-Dibromoethane	11.471	107	41123	22.026	ug/l	100
64) Tetrachloroethene	11.106	164	39791	21.528	ug/l	96
65) Chlorobenzene	11.894	112	112673	20.452	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	40584	22.364	ug/l	99
67) Ethyl Benzene	11.965	91	197045	19.994	ug/l	94
68) m/p-Xylenes	12.070	106	145875	40.387	ug/l	94
69) o-Xylene	12.400	106	68640	19.618	ug/l	89
70) Styrene	12.412	104	119174	20.507	ug/l	97
71) Bromoform	12.582	173	31779	22.411	ug/l #	98
73) Isopropylbenzene	12.700	105	175170	18.402	ug/l	98
74) N-amyl acetate	12.494	43	96419	18.414	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	58096	21.172	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	54448m	21.590	ug/l	
77) Bromobenzene	12.982	156	44373	19.560	ug/l	86
78) n-propylbenzene	13.035	91	212273	18.832	ug/l	97
79) 2-Chlorotoluene	13.129	91	128587	18.166	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	147871	19.211	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	24814	23.014	ug/l #	81
82) 4-Chlorotoluene	13.223	91	131009	18.930	ug/l	96
83) tert-Butylbenzene	13.441	119	120517	17.897	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	150710	19.138	ug/l	97
85) sec-Butylbenzene	13.617	105	170576	18.275	ug/l	99
86) p-Isopropyltoluene	13.729	119	140753	18.556	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	80372	19.556	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	80608	19.217	ug/l	97
89) n-Butylbenzene	14.059	91	123288	18.083	ug/l	97
90) Hexachloroethane	14.335	117	27860	19.823	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	77067	19.810	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11635	20.637	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	39780	18.242	ug/l	99
94) Hexachlorobutadiene	15.506	225	18585	19.423	ug/l	97
95) Naphthalene	15.647	128	126255	18.475	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	40567	18.583	ug/l	97

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

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