

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082368.D
 Acq On : 29 May 2024 14:16
 Operator : JC\MD
 Sample : VN0529WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 05:42:53 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	193944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133329	43.537	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.080%		
35) Dibromofluoromethane	8.171	113	93497	46.764	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.520%		
50) Toluene-d8	10.571	98	337234	43.995	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.000%		
62) 4-Bromofluorobenzene	12.847	95	125446	45.852	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	91.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50652	18.115	ug/l	98
3) Chloromethane	2.359	50	51594	16.281	ug/l	100
4) Vinyl Chloride	2.518	62	78980	26.511	ug/l	99
5) Bromomethane	2.959	94	32300	18.863	ug/l	96
6) Chloroethane	3.124	64	35924	18.467	ug/l	97
7) Trichlorofluoromethane	3.500	101	79908	20.484	ug/l	95
8) Diethyl Ether	3.959	74	30907	22.240	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.365	101	46538	20.422	ug/l	98
10) Methyl Iodide	4.589	142	44589	19.463	ug/l	94
11) Tert butyl alcohol	5.518	59	52293	106.376	ug/l	97
12) 1,1-Dichloroethene	4.342	96	42540	20.084	ug/l	83
13) Acrolein	4.177	56	44308	121.630	ug/l	97
14) Allyl chloride	5.024	41	81017	17.865	ug/l #	88
15) Acrylonitrile	5.724	53	132224	103.856	ug/l	98
16) Acetone	4.424	43	126839	100.965	ug/l	91
17) Carbon Disulfide	4.712	76	107910	15.774	ug/l	100
18) Methyl Acetate	5.024	43	69587	22.242	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	172981	22.343	ug/l	96
20) Methylene Chloride	5.271	84	51423	20.288	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	43116	18.679	ug/l #	83
22) Diisopropyl ether	6.671	45	192235	20.301	ug/l #	93
23) Vinyl Acetate	6.606	43	760129	101.813	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	96481	19.767	ug/l	97
25) 2-Butanone	7.483	43	193394	101.536	ug/l #	87
26) 2,2-Dichloropropane	7.488	77	85681	20.959	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	56456	20.725	ug/l	84
28) Bromochloromethane	7.812	49	47153	21.613	ug/l #	80
29) Tetrahydrofuran	7.841	42	127000	103.850	ug/l #	85
30) Chloroform	7.965	83	98602	21.155	ug/l	99
31) Cyclohexane	8.259	56	83742	17.121	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	88242	21.340	ug/l #	91
36) 1,1-Dichloropropene	8.371	75	66160	19.731	ug/l	97
37) Ethyl Acetate	7.559	43	79434	21.168	ug/l #	93
38) Carbon Tetrachloride	8.365	117	73947	21.755	ug/l	97
39) Methylcyclohexane	9.600	83	69896	19.017	ug/l #	85
40) Benzene	8.606	78	205603	20.562	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	44890	20.340	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	83157	21.623	ug/l	95
43) Isopropyl Acetate	8.688	43	141992	21.354	ug/l #	90
44) Trichloroethene	9.353	130	47409	20.872	ug/l	96
45) 1,2-Dichloropropane	9.624	63	52962	20.529	ug/l	98
46) Dibromomethane	9.706	93	37283	22.012	ug/l	98
47) Bromodichloromethane	9.888	83	79037	22.104	ug/l	99
48) Methyl methacrylate	9.682	41	67882	21.425	ug/l #	83
49) 1,4-Dioxane	9.694	88	21381	481.572	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	414638	109.752	ug/l	91
52) Toluene	10.629	92	129147	21.522	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	83275	22.518	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	87207	22.278	ug/l #	75
55) 1,1,2-Trichloroethane	11.018	97	49407	22.657	ug/l	98
56) Ethyl methacrylate	10.876	69	85037	22.969	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	89093	21.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	251932	131.926	ug/l	92
59) 2-Hexanone	11.194	43	308436	111.500	ug/l	90
60) Dibromochloromethane	11.359	129	58797	24.433	ug/l	99
61) 1,2-Dibromoethane	11.471	107	49964	22.307	ug/l	100
64) Tetrachloroethene	11.106	164	46234	21.206	ug/l	97
65) Chlorobenzene	11.894	112	138470	21.309	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	49392	23.076	ug/l	99
67) Ethyl Benzene	11.965	91	245750	21.141	ug/l	98
68) m/p-Xylenes	12.071	106	182847	42.918	ug/l	94
69) o-Xylene	12.400	106	90219	21.861	ug/l	95
70) Styrene	12.412	104	153172	22.345	ug/l	96
71) Bromoform	12.582	173	37861	22.629	ug/l #	99
73) Isopropylbenzene	12.694	105	231462	21.634	ug/l	98
74) N-amyl acetate	12.494	43	124492	21.154	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	67969	22.039	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	65252m	23.021	ug/l	
77) Bromobenzene	12.982	156	56090	21.999	ug/l	90
78) n-propylbenzene	13.035	91	269294	21.256	ug/l	97
79) 2-Chlorotoluene	13.123	91	166647	20.948	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	189730	21.932	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	26741	22.066	ug/l #	82
82) 4-Chlorotoluene	13.223	91	164208	21.111	ug/l	97
83) tert-Butylbenzene	13.441	119	162138	21.423	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	192900	21.795	ug/l	98
85) sec-Butylbenzene	13.617	105	224940	21.443	ug/l	98
86) p-Isopropyltoluene	13.729	119	187346	21.975	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	100442	21.744	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	99408	21.086	ug/l	97
89) n-Butylbenzene	14.059	91	163182	21.295	ug/l	98
90) Hexachloroethane	14.335	117	33543	21.235	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	97718	22.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14393	22.714	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	53818	21.958	ug/l	98
94) Hexachlorobutadiene	15.506	225	23003	21.389	ug/l	97
95) Naphthalene	15.641	128	177707	23.137	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	52249	21.295	ug/l	96

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

