

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082367.D
 Acq On : 29 May 2024 13:42
 Operator : JC\MD
 Sample : VN0529WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBS02

Manual Integrations
 APPROVED

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

Quant Time: May 30 05:42:02 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	205979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	338577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	139806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139252	42.814	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.620%		
35) Dibromofluoromethane	8.171	113	98614	47.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	10.571	98	359431	45.012	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.020%		
62) 4-Bromofluorobenzene	12.847	95	132544	46.505	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52599	17.712	ug/l	98
3) Chloromethane	2.360	50	51177	15.206	ug/l	94
4) Vinyl Chloride	2.512	62	81018	25.606	ug/l	98
5) Bromomethane	2.959	94	33176	18.242	ug/l	99
6) Chloroethane	3.124	64	35704	17.282	ug/l	100
7) Trichlorofluoromethane	3.495	101	78813	19.023	ug/l	96
8) Diethyl Ether	3.959	74	29943	20.287	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	46216	19.095	ug/l	98
10) Methyl Iodide	4.595	142	43604	17.921	ug/l	96
11) Tert butyl alcohol	5.518	59	49851	95.483	ug/l	99
12) 1,1-Dichloroethene	4.342	96	43172	19.191	ug/l	86
13) Acrolein	4.177	56	37599	97.183	ug/l	96
14) Allyl chloride	5.024	41	82904	17.213	ug/l #	90
15) Acrylonitrile	5.718	53	125639	92.918	ug/l	98
16) Acetone	4.424	43	128371	96.214	ug/l	94
17) Carbon Disulfide	4.712	76	109322	15.047	ug/l	97
18) Methyl Acetate	5.024	43	63884	19.226	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	166474	20.246	ug/l	97
20) Methylene Chloride	5.271	84	49753	18.482	ug/l #	81
21) trans-1,2-Dichloroethene	5.783	96	45452	18.541	ug/l	87
22) Diisopropyl ether	6.671	45	183043	18.201	ug/l #	91
23) Vinyl Acetate	6.600	43	728464	91.871	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	96553	18.626	ug/l	97
25) 2-Butanone	7.483	43	189608	93.731	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	87765	20.214	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	56509	19.532	ug/l	82
28) Bromochloromethane	7.812	49	46493	20.027	ug/l #	80
29) Tetrahydrofuran	7.836	42	117017	90.096	ug/l #	86
30) Chloroform	7.965	83	98234	19.845	ug/l	97
31) Cyclohexane	8.259	56	83533	16.080	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	86726	19.748	ug/l	95
36) 1,1-Dichloropropene	8.377	75	66176	18.945	ug/l	97
37) Ethyl Acetate	7.565	43	76083	19.462	ug/l	95
38) Carbon Tetrachloride	8.365	117	74807	21.126	ug/l	99
39) Methylcyclohexane	9.600	83	70726	18.471	ug/l #	81
40) Benzene	8.606	78	203818	19.567	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42270	18.386	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	79995	19.968	ug/l	95
43) Isopropyl Acetate	8.688	43	136915	19.766	ug/l #	90
44) Trichloroethene	9.353	130	48530	20.510	ug/l	91
45) 1,2-Dichloropropane	9.624	63	52633	19.584	ug/l	96
46) Dibromomethane	9.706	93	36023	20.416	ug/l	98
47) Bromodichloromethane	9.888	83	77425	20.785	ug/l	97
48) Methyl methacrylate	9.683	41	63278	19.171	ug/l #	83
49) 1,4-Dioxane	9.694	88	19220	415.554	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	394478	100.232	ug/l	90
52) Toluene	10.630	92	129824	20.768	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	80332	20.852	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	84510	20.724	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	47058	20.715	ug/l	96
56) Ethyl methacrylate	10.877	69	82053	21.275	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	85272	20.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	235868	118.565	ug/l	94
59) 2-Hexanone	11.194	43	292532	101.513	ug/l	91
60) Dibromochloromethane	11.359	129	56523	22.547	ug/l	99
61) 1,2-Dibromoethane	11.471	107	47698	20.442	ug/l	100
64) Tetrachloroethene	11.106	164	46399	20.784	ug/l	95
65) Chlorobenzene	11.894	112	136754	20.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	48628	22.187	ug/l	98
67) Ethyl Benzene	11.965	91	245397	20.617	ug/l	97
68) m/p-Xylenes	12.071	106	184734	42.346	ug/l	96
69) o-Xylene	12.400	106	89130	21.092	ug/l	93
70) Styrene	12.412	104	148859	21.208	ug/l	96
71) Bromoform	12.582	173	35798	20.949	ug/l #	100
73) Isopropylbenzene	12.694	105	233980	21.066	ug/l	97
74) N-amyl acetate	12.494	43	116072	18.999	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	65264	20.384	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	62029m	21.080	ug/l	
77) Bromobenzene	12.982	156	54389	20.548	ug/l	90
78) n-propylbenzene	13.035	91	269161	20.465	ug/l	96
79) 2-Chlorotoluene	13.129	91	164730	19.946	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	190690	21.233	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	27218	21.635	ug/l #	86
82) 4-Chlorotoluene	13.224	91	164888	20.420	ug/l	95
83) tert-Butylbenzene	13.441	119	164437	20.929	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	190648	20.749	ug/l	96
85) sec-Butylbenzene	13.618	105	224870	20.649	ug/l	97
86) p-Isopropyltoluene	13.729	119	187733	21.211	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	99713	20.794	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	99835	20.398	ug/l	98
89) n-Butylbenzene	14.059	91	164986	20.740	ug/l	98
90) Hexachloroethane	14.335	117	34890	21.277	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	95894	21.126	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13640	20.735	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	51966	20.424	ug/l	97
94) Hexachlorobutadiene	15.500	225	23193	20.774	ug/l	98
95) Naphthalene	15.641	128	168681	21.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	53848	21.141	ug/l	97

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

