

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081464.D
 Acq On : 19 Mar 2024 12:25
 Operator : JC\MD
 Sample : VN0319WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 20 01:15:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	447989	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	767677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	669982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	316692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	279145	48.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.720%
35) Dibromofluoromethane	8.165	113	237946	49.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	10.565	98	850479	48.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.847	95	288526	46.755	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	105397	17.472	ug/l	99
3) Chloromethane	2.359	50	105727	17.604	ug/l	97
4) Vinyl Chloride	2.518	62	116543	17.291	ug/l	92
5) Bromomethane	2.965	94	87651	18.388	ug/l	95
6) Chloroethane	3.124	64	81320	17.572	ug/l	96
7) Trichlorofluoromethane	3.500	101	181424	18.061	ug/l	95
8) Diethyl Ether	3.965	74	61043	18.362	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	104094	18.237	ug/l	# 90
10) Methyl Iodide	4.589	142	99893	17.574	ug/l	96
11) Tert butyl alcohol	5.512	59	79695	80.047	ug/l	99
12) 1,1-Dichloroethene	4.347	96	95648	18.091	ug/l	88
13) Acrolein	4.183	56	84517	94.604	ug/l	99
14) Allyl chloride	5.018	41	116933	17.650	ug/l	# 82
15) Acrylonitrile	5.718	53	219934	82.574	ug/l	96
16) Acetone	4.424	43	148506	80.434	ug/l	98
17) Carbon Disulfide	4.712	76	262378	17.294	ug/l	97
18) Methyl Acetate	5.018	43	100116	17.588	ug/l	# 86
19) Methyl tert-butyl Ether	5.794	73	300158	18.141	ug/l	100
20) Methylene Chloride	5.277	84	109103	18.040	ug/l	# 86
21) trans-1,2-Dichloroethene	5.789	96	103060	17.483	ug/l	92
22) Diisopropyl ether	6.671	45	288924	18.770	ug/l	# 95
23) Vinyl Acetate	6.600	43	1113968	90.916	ug/l	# 91
24) 1,1-Dichloroethane	6.571	63	186000	18.041	ug/l	97
25) 2-Butanone	7.483	43	262750	82.970	ug/l	# 90
26) 2,2-Dichloropropane	7.494	77	168936	18.892	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	118250	17.729	ug/l	86
28) Bromochloromethane	7.818	49	76160	18.136	ug/l	# 60
29) Tetrahydrofuran	7.835	42	174804	81.938	ug/l	# 79
30) Chloroform	7.965	83	203194	18.410	ug/l	98
31) Cyclohexane	8.259	56	164197	17.662	ug/l	# 72
32) 1,1,1-Trichloroethane	8.171	97	183356	18.311	ug/l	93
36) 1,1-Dichloropropene	8.371	75	149250	18.306	ug/l	97
37) Ethyl Acetate	7.559	43	114411	16.387	ug/l	# 94
38) Carbon Tetrachloride	8.365	117	162613	18.207	ug/l	98
39) Methylcyclohexane	9.600	83	170301	18.704	ug/l	88
40) Benzene	8.606	78	434514	18.229	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63998	17.333	ug/l	91
42) 1,2-Dichloroethane	8.671	62	150519	17.943	ug/l	98
43) Isopropyl Acetate	8.688	43	196850	17.010	ug/l #	91
44) Trichloroethene	9.353	130	120946	18.041	ug/l	99
45) 1,2-Dichloropropane	9.618	63	106212	18.386	ug/l	98
46) Dibromomethane	9.712	93	75842	17.288	ug/l #	87
47) Bromodichloromethane	9.888	83	155692	18.151	ug/l	98
48) Methyl methacrylate	9.682	41	91012	17.050	ug/l #	83
49) 1,4-Dioxane	9.700	88	40588	316.410	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	584308	82.744	ug/l	93
52) Toluene	10.629	92	274633	18.127	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	163860	17.691	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	174972	17.620	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	104800	17.188	ug/l	90
56) Ethyl methacrylate	10.876	69	143382	17.301	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	177875	17.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	378212	98.583	ug/l #	84
59) 2-Hexanone	11.194	43	429973	82.355	ug/l	93
60) Dibromochloromethane	11.359	129	116784	17.416	ug/l	99
61) 1,2-Dibromoethane	11.470	107	107992	17.373	ug/l	100
64) Tetrachloroethene	11.106	164	117218	18.303	ug/l	91
65) Chlorobenzene	11.888	112	287003	18.121	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	105662	18.000	ug/l	97
67) Ethyl Benzene	11.965	91	504090	18.322	ug/l	96
68) m/p-Xylenes	12.070	106	395508	38.347	ug/l	95
69) o-Xylene	12.400	106	187810	18.548	ug/l	95
70) Styrene	12.412	104	304451	18.643	ug/l	96
71) Bromoform	12.582	173	77157	17.491	ug/l #	98
73) Isopropylbenzene	12.694	105	495842	18.368	ug/l	98
74) N-amyl acetate	12.494	43	162891	16.674	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	134927	17.000	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	122127m	16.121	ug/l	
77) Bromobenzene	12.982	156	117798	17.665	ug/l	72
78) n-propylbenzene	13.035	91	588134	18.448	ug/l	96
79) 2-Chlorotoluene	13.123	91	348797	18.280	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	419945	18.834	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	50989	18.189	ug/l	93
82) 4-Chlorotoluene	13.223	91	350374	18.625	ug/l	94
83) tert-Butylbenzene	13.441	119	352719	18.345	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	418999	18.697	ug/l	95
85) sec-Butylbenzene	13.617	105	507085	18.449	ug/l	94
86) p-Isopropyltoluene	13.729	119	422282	18.795	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	225722	18.423	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	226293	17.837	ug/l	96
89) n-Butylbenzene	14.059	91	360453	18.092	ug/l	96
90) Hexachloroethane	14.335	117	76660	18.016	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	212534	18.023	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27721	16.411	ug/l	71
93) 1,2,4-Trichlorobenzene	15.394	180	116011	17.014	ug/l	97
94) Hexachlorobutadiene	15.506	225	52077	17.407	ug/l	96
95) Naphthalene	15.641	128	377360	17.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	117900	17.190	ug/l	97

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

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

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