

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080790.D
 Acq On : 29 Jan 2024 14:44
 Operator : JC\MD
 Sample : VN0129WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/30/2024

Quant Time: Jan 29 15:36:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	148905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	263113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126729	49.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.400%		
35) Dibromofluoromethane	8.165	113	92072	49.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.900%		
50) Toluene-d8	10.571	98	370330	51.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.660%		
62) 4-Bromofluorobenzene	12.853	95	125794	50.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37300	16.865	ug/l	93
3) Chloromethane	2.359	50	55884	16.809	ug/l	97
4) Vinyl Chloride	2.512	62	44024	17.418	ug/l	95
5) Bromomethane	2.959	94	17169	16.983	ug/l	99
6) Chloroethane	3.118	64	25271	18.754	ug/l	94
7) Trichlorofluoromethane	3.500	101	56418	17.247	ug/l	87
8) Diethyl Ether	3.959	74	23934	15.860	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	31645	16.590	ug/l	95
10) Methyl Iodide	4.589	142	25598	15.897	ug/l	97
11) Tert butyl alcohol	5.518	59	33051	78.708	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	34441	16.478	ug/l	98
13) Acrolein	4.177	56	47102	88.949	ug/l	99
14) Allyl chloride	5.018	41	72979	17.665	ug/l	99
15) Acrylonitrile	5.718	53	105045	83.177	ug/l	98
16) Acetone	4.430	43	76008	81.357	ug/l	98
17) Carbon Disulfide	4.706	76	108190	16.627	ug/l	99
18) Methyl Acetate	5.024	43	54923	16.868	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	122901	16.688	ug/l	97
20) Methylene Chloride	5.271	84	41281	16.833	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	37299	16.426	ug/l	91
22) Diisopropyl ether	6.671	45	155150	17.020	ug/l	98
23) Vinyl Acetate	6.606	43	585759	88.811	ug/l	99
24) 1,1-Dichloroethane	6.565	63	78581	16.998	ug/l	97
25) 2-Butanone	7.482	43	140136	78.971	ug/l	97
26) 2,2-Dichloropropane	7.488	77	63418	16.973	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	42371	16.119	ug/l	97
28) Bromochloromethane	7.812	49	55382	22.627	ug/l	95
29) Tetrahydrofuran	7.835	42	98660	82.165	ug/l	97
30) Chloroform	7.971	83	69686	16.225	ug/l	97
31) Cyclohexane	8.259	56	72117	16.326	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	57779	16.590	ug/l	96
36) 1,1-Dichloropropene	8.377	75	56141	16.387	ug/l	97
37) Ethyl Acetate	7.565	43	52303	14.831	ug/l	97
38) Carbon Tetrachloride	8.365	117	46515	16.852	ug/l	92
39) Methylcyclohexane	9.600	83	58276	17.114	ug/l	96
40) Benzene	8.606	78	174908	17.371	ug/l	100

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41) Methacrylonitrile	7.782	41	34077	16.394	ug/l	94
42) 1,2-Dichloroethane	8.671	62	58717	17.900	ug/l	100
43) Isopropyl Acetate	8.688	43	107115	16.683	ug/l	100
44) Trichloroethene	9.353	130	37488	16.904	ug/l	97
45) 1,2-Dichloropropane	9.624	63	48510	17.803	ug/l	92
46) Dibromomethane	9.706	93	26615	16.477	ug/l	99
47) Bromodichloromethane	9.894	83	54469	16.609	ug/l #	97
48) Methyl methacrylate	9.682	41	48703	15.646	ug/l	98
49) 1,4-Dioxane	9.700	88	12913	344.394	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	307105	85.560	ug/l	98
52) Toluene	10.629	92	102630	17.777	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	63914	16.729	ug/l #	88
54) cis-1,3-Dichloropropene	10.312	75	70964	17.081	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	37530	16.915	ug/l	97
56) Ethyl methacrylate	10.876	69	66582	19.521	ug/l	96
57) 1,3-Dichloropropane	11.165	76	70218	16.816	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	145836	73.347	ug/l	98
59) 2-Hexanone	11.200	43	224923	80.672	ug/l	99
60) Dibromochloromethane	11.359	129	34377	16.658	ug/l	100
61) 1,2-Dibromoethane	11.470	107	36915	17.753	ug/l	100
64) Tetrachloroethene	11.106	164	27622	15.972	ug/l	98
65) Chlorobenzene	11.894	112	96567	16.816	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	32934	17.637	ug/l	97
67) Ethyl Benzene	11.965	91	179938	16.859	ug/l	99
68) m/p-Xylenes	12.070	106	132953	35.077	ug/l	99
69) o-Xylene	12.400	106	60972	16.189	ug/l	90
70) Styrene	12.412	104	106385	17.588	ug/l	98
71) Bromoform	12.582	173	20503	16.239	ug/l #	94
73) Isopropylbenzene	12.700	105	156912	17.094	ug/l	100
74) N-amyl acetate	12.494	43	96843	16.992	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	52299	16.196	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	41697m	13.792	ug/l	
77) Bromobenzene	12.982	156	32262	16.441	ug/l	97
78) n-propylbenzene	13.035	91	190859	17.404	ug/l	98
79) 2-Chlorotoluene	13.129	91	116633	16.733	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	126828	17.348	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18663	15.903	ug/l #	80
82) 4-Chlorotoluene	13.223	91	114329	16.565	ug/l	98
83) tert-Butylbenzene	13.441	119	100510	17.216	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	125400	16.930	ug/l	98
85) sec-Butylbenzene	13.617	105	147179	17.100	ug/l	100
86) p-Isopropyltoluene	13.729	119	115124	17.212	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	57135	16.278	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	57040	16.210	ug/l	99
89) n-Butylbenzene	14.059	91	114212	17.449	ug/l	95
90) Hexachloroethane	14.335	117	20337	17.376	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	55270	17.205	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9634	15.962	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	25990	15.719	ug/l	93
94) Hexachlorobutadiene	15.505	225	10777	14.919	ug/l	93
95) Naphthalene	15.647	128	95172	15.043	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	26394	16.240	ug/l	98

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

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