

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081851.D
 Acq On : 25 Apr 2024 15:19
 Operator : JC\MD
 Sample : VN0425WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBS01

Quant Time: Apr 26 05:35:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/26/2024
 Supervised By :Mahesh Dadoda 04/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	230547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	437579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	373101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170567	43.836	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.680%		
35) Dibromofluoromethane	8.171	113	118965	45.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.300%		
50) Toluene-d8	10.571	98	471649	45.582	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.160%		
62) 4-Bromofluorobenzene	12.847	95	176517	43.155	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	86.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	60281	18.626	ug/l	94
3) Chloromethane	2.353	50	60434	17.900	ug/l	93
4) Vinyl Chloride	2.518	62	56572	18.511	ug/l	98
5) Bromomethane	2.959	94	26110	16.665	ug/l	98
6) Chloroethane	3.124	64	25596	16.571	ug/l	94
7) Trichlorofluoromethane	3.495	101	90845	19.216	ug/l	94
8) Diethyl Ether	3.965	74	38230	19.036	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.377	101	53782	19.595	ug/l	92
10) Methyl Iodide	4.589	142	43142	17.946	ug/l	100
11) Tert butyl alcohol	5.518	59	72856	102.998	ug/l	95
12) 1,1-Dichloroethene	4.342	96	50662	18.143	ug/l #	75
13) Acrolein	4.183	56	49065	84.058	ug/l	97
14) Allyl chloride	5.024	41	108730	18.409	ug/l #	85
15) Acrylonitrile	5.718	53	164800	97.025	ug/l	96
16) Acetone	4.430	43	122214	103.001	ug/l	92
17) Carbon Disulfide	4.712	76	144587	17.228	ug/l	100
18) Methyl Acetate	5.024	43	79364	20.137	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	199255	18.911	ug/l	94
20) Methylene Chloride	5.277	84	59092	17.721	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	54257	17.821	ug/l #	77
22) Diisopropyl ether	6.671	45	216486	18.941	ug/l	94
23) Vinyl Acetate	6.600	43	889115	95.742	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	117831	19.807	ug/l	95
25) 2-Butanone	7.483	43	222043	100.543	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	104190	19.039	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	67610	19.004	ug/l	84
28) Bromochloromethane	7.812	49	51339	18.158	ug/l #	77
29) Tetrahydrofuran	7.841	42	150889	95.276	ug/l	89
30) Chloroform	7.971	83	107633	18.253	ug/l	98
31) Cyclohexane	8.259	56	109134	18.618	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	98067	18.649	ug/l	97
36) 1,1-Dichloropropene	8.377	75	79073	18.448	ug/l	96
37) Ethyl Acetate	7.559	43	93325	20.138	ug/l	98
38) Carbon Tetrachloride	8.353	117	80677	19.259	ug/l	89
39) Methylcyclohexane	9.600	83	98732	18.967	ug/l #	88
40) Benzene	8.606	78	245771	19.101	ug/l	99

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41) Methacrylonitrile	7.777	41	52548	17.771	ug/l	89
42) 1,2-Dichloroethane	8.671	62	87743	18.364	ug/l	97
43) Isopropyl Acetate	8.688	43	168818	19.374	ug/l	95
44) Trichloroethene	9.353	130	55805	18.812	ug/l	74
45) 1,2-Dichloropropane	9.624	63	66341	19.701	ug/l	98
46) Dibromomethane	9.712	93	42569	18.290	ug/l	91
47) Bromodichloromethane	9.888	83	91300	18.601	ug/l #	98
48) Methyl methacrylate	9.682	41	77639	18.664	ug/l #	87
49) 1,4-Dioxane	9.694	88	25262	399.557	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	490168	99.926	ug/l	92
52) Toluene	10.629	92	147239	19.109	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	99761	18.679	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	105491	19.164	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	56071	18.503	ug/l	97
56) Ethyl methacrylate	10.876	69	107529	18.635	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	102551	19.035	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	241456	91.853	ug/l	91
59) 2-Hexanone	11.194	43	382397	104.750	ug/l	92
60) Dibromochloromethane	11.359	129	61588	19.188	ug/l	98
61) 1,2-Dibromoethane	11.471	107	55402	19.117	ug/l	100
64) Tetrachloroethene	11.106	164	51110	18.861	ug/l	91
65) Chlorobenzene	11.894	112	155907	19.135	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	52158	19.697	ug/l	97
67) Ethyl Benzene	11.965	91	286663	18.918	ug/l	99
68) m/p-Xylenes	12.070	106	211758	39.179	ug/l	90
69) o-Xylene	12.400	106	104759	19.853	ug/l	90
70) Styrene	12.412	104	178958	19.605	ug/l	92
71) Bromoform	12.582	173	37656	18.088	ug/l #	100
73) Isopropylbenzene	12.694	105	265221	18.791	ug/l	98
74) N-amyl acetate	12.494	43	148988	18.960	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	77737	18.340	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	79055m	19.206	ug/l	
77) Bromobenzene	12.982	156	53459	18.100	ug/l	65
78) n-propylbenzene	13.035	91	318692	18.588	ug/l	96
79) 2-Chlorotoluene	13.123	91	200039	18.339	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	225007	18.839	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	40413	20.119	ug/l	94
82) 4-Chlorotoluene	13.223	91	192378	18.166	ug/l	92
83) tert-Butylbenzene	13.441	119	187634	18.865	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	227746	19.094	ug/l	94
85) sec-Butylbenzene	13.617	105	262972	18.770	ug/l	97
86) p-Isopropyltoluene	13.729	119	212229	18.866	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	101986	18.506	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	102889	18.959	ug/l	93
89) n-Butylbenzene	14.059	91	196791	18.794	ug/l	98
90) Hexachloroethane	14.335	117	43349	19.589	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	100022	18.932	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18983	18.396	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	55328	18.719	ug/l	99
94) Hexachlorobutadiene	15.506	225	19948	18.311	ug/l	93
95) Naphthalene	15.641	128	209300	18.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	54691	19.272	ug/l	98

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

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