

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083228.D
 Acq On : 12 Aug 2024 11:10
 Operator : JC\MD
 Sample : VN0812WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Quant Time: Aug 13 04:12:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/13/2024
 Supervised By : Semsettin Yesilyurt 08/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	193104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	331101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148628	54.074	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.140%			
35) Dibromofluoromethane	8.171	113	107607	52.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.140%			
50) Toluene-d8	10.565	98	399905	51.874	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.740%			
62) 4-Bromofluorobenzene	12.847	95	150021	49.916	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	35867	16.379	ug/l	96
3) Chloromethane	2.365	50	36708	16.373	ug/l	99
4) Vinyl Chloride	2.518	62	39010	17.053	ug/l	99
5) Bromomethane	2.959	94	24633	17.354	ug/l	98
6) Chloroethane	3.118	64	24485	17.108	ug/l	99
7) Trichlorofluoromethane	3.500	101	64424	17.047	ug/l	98
8) Diethyl Ether	3.959	74	23561	16.754	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	35059	16.826	ug/l	99
10) Methyl Iodide	4.589	142	43574	15.898	ug/l	91
11) Tert butyl alcohol	5.518	59	43661	76.435	ug/l	99
12) 1,1-Dichloroethene	4.341	96	34992	16.347	ug/l	90
13) Acrolein	4.183	56	31591	84.857	ug/l	99
14) Allyl chloride	5.024	41	64414	15.924	ug/l	89
15) Acrylonitrile	5.718	53	95024	80.886	ug/l	98
16) Acetone	4.424	43	90085	83.759	ug/l	94
17) Carbon Disulfide	4.712	76	90613	14.467	ug/l	100
18) Methyl Acetate	5.024	43	53312	16.637	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	129511	16.762	ug/l	99
20) Methylene Chloride	5.277	84	39445	15.936	ug/l #	80
21) trans-1,2-Dichloroethene	5.788	96	36446	16.473	ug/l	90
22) Diisopropyl ether	6.671	45	125770	16.540	ug/l	95
23) Vinyl Acetate	6.600	43	641406m	82.297	ug/l	
24) 1,1-Dichloroethane	6.571	63	71096	17.154	ug/l	99
25) 2-Butanone	7.482	43	133769	81.002	ug/l	91
26) 2,2-Dichloropropane	7.488	77	67894	17.639	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	43964	16.468	ug/l	93
28) Bromochloromethane	7.812	49	27049	15.970	ug/l #	21
29) Tetrahydrofuran	7.841	42	86814	81.321	ug/l	90
30) Chloroform	7.965	83	75322	17.493	ug/l	94
31) Cyclohexane	8.259	56	66190	16.250	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	70502	17.298	ug/l	92
36) 1,1-Dichloropropene	8.371	75	52212	16.701	ug/l	99
37) Ethyl Acetate	7.559	43	54093	15.453	ug/l #	93
38) Carbon Tetrachloride	8.365	117	60652	17.225	ug/l	99
39) Methylcyclohexane	9.600	83	62108	16.174	ug/l	96
40) Benzene	8.606	78	158813	17.052	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	29865	15.006	ug/l	94
42) 1,2-Dichloroethane	8.671	62	62241	18.346	ug/l	100
43) Isopropyl Acetate	8.688	43	100087	14.996	ug/l #	95
44) Trichloroethene	9.353	130	38215	17.239	ug/l	99
45) 1,2-Dichloropropane	9.623	63	38239	17.297	ug/l	97
46) Dibromomethane	9.706	93	28189	17.814	ug/l	97
47) Bromodichloromethane	9.888	83	60126	16.923	ug/l	99
48) Methyl methacrylate	9.682	41	46342	16.014	ug/l	93
49) 1,4-Dioxane	9.694	88	17207	329.576	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	276278	83.465	ug/l	94
52) Toluene	10.629	92	100952	17.156	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	62025	16.995	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	65184	16.792	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	37209	17.644	ug/l	99
56) Ethyl methacrylate	10.870	69	64678	16.269	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	65055	17.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	133461	79.420	ug/l	97
59) 2-Hexanone	11.194	43	208298	81.340	ug/l	94
60) Dibromochloromethane	11.359	129	44195	17.334	ug/l	100
61) 1,2-Dibromoethane	11.470	107	37195	16.790	ug/l	98
64) Tetrachloroethene	11.106	164	32577	17.334	ug/l	96
65) Chlorobenzene	11.888	112	107178	17.091	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	38446	17.383	ug/l	98
67) Ethyl Benzene	11.965	91	194629	16.918	ug/l	97
68) m/p-Xylenes	12.070	106	146169	33.919	ug/l	98
69) o-Xylene	12.394	106	72235	16.996	ug/l	99
70) Styrene	12.412	104	119364	16.721	ug/l	97
71) Bromoform	12.576	173	27927	16.668	ug/l #	98
73) Isopropylbenzene	12.694	105	187304	17.157	ug/l	100
74) N-amyl acetate	12.494	43	81860	15.329	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	50723	16.427	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	46083m	16.087	ug/l	
77) Bromobenzene	12.982	156	41759	17.219	ug/l	94
78) n-propylbenzene	13.035	91	214628	17.073	ug/l	100
79) 2-Chlorotoluene	13.123	91	135632	17.018	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	156743	17.149	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	21268	16.150	ug/l	89
82) 4-Chlorotoluene	13.217	91	135189	16.910	ug/l	97
83) tert-Butylbenzene	13.435	119	137783	17.022	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	154931	16.820	ug/l	99
85) sec-Butylbenzene	13.617	105	185318	16.779	ug/l	99
86) p-Isopropyltoluene	13.729	119	152113	16.680	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	73369	16.078	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	76396	16.606	ug/l	97
89) n-Butylbenzene	14.059	91	132718	16.796	ug/l	99
90) Hexachloroethane	14.335	117	29007	16.464	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	74542	16.880	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11355	15.155	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	39450	15.946	ug/l	96
94) Hexachlorobutadiene	15.500	225	16495	14.992	ug/l	98
95) Naphthalene	15.641	128	136795	15.610	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38717	15.816	ug/l	95

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

