

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084234.D
 Acq On : 01 Oct 2024 13:06
 Operator : JC\MD
 Sample : VN1001WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

Quant Time: Oct 02 02:00:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	159244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129119	54.686	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.380%
35) Dibromofluoromethane	8.165	113	99258	53.846	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.700%
50) Toluene-d8	10.565	98	375516	55.370	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.740%
62) 4-Bromofluorobenzene	12.847	95	132662	53.693	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	35634	18.918	ug/l	94
3) Chloromethane	2.359	50	41693	19.385	ug/l	98
4) Vinyl Chloride	2.512	62	39254	18.842	ug/l	99
5) Bromomethane	2.959	94	25792	18.769	ug/l	96
6) Chloroethane	3.118	64	24842	16.650	ug/l	99
7) Trichlorofluoromethane	3.495	101	62858	19.376	ug/l	96
8) Diethyl Ether	3.965	74	21367	17.759	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	36209	19.479	ug/l	99
10) Methyl Iodide	4.589	142	44097	18.421	ug/l	93
11) Tert butyl alcohol	5.518	59	35185	90.375	ug/l	100
12) 1,1-Dichloroethene	4.342	96	33546	18.710	ug/l	90
13) Acrolein	4.177	56	43774	97.939	ug/l	98
14) Allyl chloride	5.024	41	55068	17.685	ug/l	96
15) Acrylonitrile	5.718	53	94496	96.115	ug/l	99
16) Acetone	4.430	43	99281	97.884	ug/l	99
17) Carbon Disulfide	4.718	76	98675	17.382	ug/l	98
18) Methyl Acetate	5.030	43	43471	19.664	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	112716	18.626	ug/l	97
20) Methylene Chloride	5.283	84	40044	19.422	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	34963	18.613	ug/l	92
22) Diisopropyl ether	6.671	45	124578	19.342	ug/l	99
23) Vinyl Acetate	6.606	43	458958	96.072	ug/l	99
24) 1,1-Dichloroethane	6.565	63	70686	19.624	ug/l	96
25) 2-Butanone	7.483	43	132634	96.010	ug/l	98
26) 2,2-Dichloropropane	7.494	77	62030	19.100	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	42302	18.636	ug/l	99
28) Bromochloromethane	7.812	49	30342	18.880	ug/l	99
29) Tetrahydrofuran	7.835	42	82528	96.805	ug/l	99
30) Chloroform	7.965	83	73619	19.676	ug/l	97
31) Cyclohexane	8.259	56	63593	18.184	ug/l	89
32) 1,1,1-Trichloroethane	8.165	97	65900	19.612	ug/l	97
36) 1,1-Dichloropropene	8.371	75	49089	18.333	ug/l	100
37) Ethyl Acetate	7.559	43	53403	19.441	ug/l	96
38) Carbon Tetrachloride	8.365	117	57191	19.472	ug/l	93
39) Methylcyclohexane	9.600	83	54295	18.220	ug/l	98
40) Benzene	8.606	78	158690	19.022	ug/l	97

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41) Methacrylonitrile	7.777	41	28510	19.118	ug/l	99
42) 1,2-Dichloroethane	8.671	62	55415	19.594	ug/l	99
43) Isopropyl Acetate	8.688	43	86098	16.002	ug/l	98
44) Trichloroethene	9.347	130	37361	19.175	ug/l	97
45) 1,2-Dichloropropane	9.624	63	38584	19.551	ug/l	99
46) Dibromomethane	9.712	93	27339	20.528	ug/l	99
47) Bromodichloromethane	9.888	83	57525	19.442	ug/l	100
48) Methyl methacrylate	9.682	41	40868	19.081	ug/l	99
49) 1,4-Dioxane	9.694	88	14996	380.308	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	261445	99.979	ug/l	99
52) Toluene	10.629	92	98905	19.442	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	56470	18.723	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	61267	18.885	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	35799	19.630	ug/l	95
56) Ethyl methacrylate	10.871	69	55540	18.508	ug/l	98
57) 1,3-Dichloropropane	11.165	76	62673	19.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	128801	92.525	ug/l	98
59) 2-Hexanone	11.194	43	193127	98.813	ug/l	100
60) Dibromochloromethane	11.359	129	42696	19.815	ug/l	98
61) 1,2-Dibromoethane	11.470	107	36840	19.441	ug/l	97
64) Tetrachloroethene	11.106	164	32479	18.671	ug/l	94
65) Chlorobenzene	11.888	112	105647	19.079	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	35990	18.869	ug/l	99
67) Ethyl Benzene	11.959	91	177372	18.112	ug/l	99
68) m/p-Xylenes	12.070	106	140303	38.732	ug/l	98
69) o-Xylene	12.394	106	66116	19.291	ug/l	98
70) Styrene	12.412	104	110844	19.094	ug/l	98
71) Bromoform	12.576	173	26650	18.978	ug/l #	98
73) Isopropylbenzene	12.694	105	164757	18.317	ug/l	100
74) N-amyl acetate	12.494	43	73027	17.929	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	51011	18.860	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	44459m	18.475	ug/l	
77) Bromobenzene	12.982	156	40045	18.457	ug/l	100
78) n-propylbenzene	13.035	91	199410	19.134	ug/l	100
79) 2-Chlorotoluene	13.123	91	125165	18.822	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	141803	19.326	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19579	19.506	ug/l	95
82) 4-Chlorotoluene	13.217	91	125632	18.767	ug/l	100
83) tert-Butylbenzene	13.435	119	120126	18.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	143486	19.412	ug/l	100
85) sec-Butylbenzene	13.612	105	164181	18.866	ug/l	100
86) p-Isopropyltoluene	13.729	119	135836	18.876	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	74033	18.189	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	74687	18.170	ug/l	99
89) n-Butylbenzene	14.053	91	111900	17.149	ug/l	99
90) Hexachloroethane	14.329	117	26782	18.335	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	71005	17.791	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10351	18.546	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	33050	16.812	ug/l	99
94) Hexachlorobutadiene	15.500	225	15788	16.104	ug/l	96
95) Naphthalene	15.641	128	102950	15.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33340	16.943	ug/l	98

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

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