

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081986.D
 Acq On : 03 May 2024 12:48
 Operator : JC\MD
 Sample : VN0503WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/06/2024
 Supervised By :Semsettin Yesilyurt 05/06/2024

Quant Time: May 06 01:53:03 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	377732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132636	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	154178	50.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.880%
35) Dibromofluoromethane	8.171	113	113034	49.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.400%
50) Toluene-d8	10.565	98	464402	51.993	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.847	95	159272	45.108	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48968	19.454	ug/l	89
3) Chloromethane	2.359	50	53806	20.490	ug/l	98
4) Vinyl Chloride	2.518	62	50099	21.076	ug/l	99
5) Bromomethane	2.965	94	26098	23.044	ug/l	94
6) Chloroethane	3.124	64	30359	25.270	ug/l #	84
7) Trichlorofluoromethane	3.500	101	69764	18.973	ug/l	97
8) Diethyl Ether	3.959	74	35008	22.412	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	46185	21.634	ug/l	92
10) Methyl Iodide	4.589	142	38405	20.539	ug/l #	89
11) Tert butyl alcohol	5.518	59	58098	105.601	ug/l	97
12) 1,1-Dichloroethene	4.336	96	46814	21.555	ug/l	94
13) Acrolein	4.183	56	30393	65.411	ug/l	98
14) Allyl chloride	5.018	41	85955	18.710	ug/l #	86
15) Acrylonitrile	5.718	53	145547	110.173	ug/l	97
16) Acetone	4.424	43	105823	115.302	ug/l	97
17) Carbon Disulfide	4.718	76	119055	18.238	ug/l	98
18) Methyl Acetate	5.024	43	70795	23.095	ug/l	92
19) Methyl tert-butyl Ether	5.788	73	171273	20.899	ug/l	92
20) Methylene Chloride	5.277	84	55945	21.571	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	49408	20.865	ug/l	91
22) Diisopropyl ether	6.665	45	192777	21.686	ug/l #	91
23) Vinyl Acetate	6.600	43	745943	103.274	ug/l	94
24) 1,1-Dichloroethane	6.571	63	101267	21.887	ug/l	100
25) 2-Butanone	7.482	43	192424	112.025	ug/l	89
26) 2,2-Dichloropropane	7.494	77	82466	19.375	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	60933	22.021	ug/l	89
28) Bromochloromethane	7.812	49	47004	21.374	ug/l #	78
29) Tetrahydrofuran	7.841	42	128531	104.346	ug/l	93
30) Chloroform	7.965	83	93486	20.384	ug/l	100
31) Cyclohexane	8.259	56	90399	19.828	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	76865	18.793	ug/l	91
36) 1,1-Dichloropropene	8.371	75	67258	18.178	ug/l	96
37) Ethyl Acetate	7.559	43	82535	20.632	ug/l	97
38) Carbon Tetrachloride	8.365	117	60671	16.778	ug/l	94
39) Methylcyclohexane	9.606	83	83441	18.569	ug/l	95
40) Benzene	8.606	78	226646	20.406	ug/l	95

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41) Methacrylonitrile	7.771	41	45288	17.742	ug/l	92
42) 1,2-Dichloroethane	8.671	62	72617	17.607	ug/l	99
43) Isopropyl Acetate	8.688	43	145546	19.349	ug/l #	93
44) Trichloroethene	9.353	130	45853	17.906	ug/l	83
45) 1,2-Dichloropropane	9.623	63	60168	20.699	ug/l	96
46) Dibromomethane	9.706	93	35954	17.895	ug/l	87
47) Bromodichloromethane	9.888	83	78752	18.586	ug/l	98
48) Methyl methacrylate	9.688	41	68697	19.131	ug/l	85
49) 1,4-Dioxane	9.694	88	23220	425.447	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	427387	100.931	ug/l	95
52) Toluene	10.629	92	132235	19.880	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	84068	18.234	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	92848	19.540	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	51294	19.608	ug/l	97
56) Ethyl methacrylate	10.876	69	94767	19.025	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	95412	20.515	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	235701	103.869	ug/l	90
59) 2-Hexanone	11.194	43	324820	103.076	ug/l	96
60) Dibromochloromethane	11.359	129	49959	18.031	ug/l	96
61) 1,2-Dibromoethane	11.470	107	52366	20.933	ug/l	93
64) Tetrachloroethene	11.106	164	40190	16.988	ug/l	94
65) Chlorobenzene	11.894	112	140174	19.706	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	44805	19.381	ug/l	95
67) Ethyl Benzene	11.965	91	255014	19.277	ug/l	97
68) m/p-Xylenes	12.070	106	182551	38.687	ug/l	95
69) o-Xylene	12.400	106	92028	19.977	ug/l	94
70) Styrene	12.412	104	153561	19.269	ug/l	98
71) Bromoform	12.582	173	29949	16.479	ug/l #	98
73) Isopropylbenzene	12.694	105	232993	19.758	ug/l	99
74) N-amyl acetate	12.494	43	125161	19.063	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	72164	20.378	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	66948m	19.467	ug/l	
77) Bromobenzene	12.982	156	48600	19.694	ug/l	71
78) n-propylbenzene	13.035	91	281396	19.645	ug/l	97
79) 2-Chlorotoluene	13.129	91	169663	18.617	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	188173	18.857	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	29679	17.684	ug/l	85
82) 4-Chlorotoluene	13.223	91	165306	18.683	ug/l	95
83) tert-Butylbenzene	13.441	119	161282	19.408	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	190042	19.070	ug/l	96
85) sec-Butylbenzene	13.617	105	230569	19.697	ug/l	97
86) p-Isopropyltoluene	13.729	119	181920	19.355	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	90137	19.576	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	91425	20.163	ug/l	95
89) n-Butylbenzene	14.059	91	166663	19.050	ug/l	97
90) Hexachloroethane	14.335	117	35354	19.121	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	88921	20.145	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14238	16.514	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	43362	17.559	ug/l	93
94) Hexachlorobutadiene	15.500	225	15553	17.087	ug/l	94
95) Naphthalene	15.641	128	181275	19.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	45499	19.190	ug/l	97

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

