

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082924\
 Data File : VN083550.D
 Acq On : 29 Aug 2024 11:45
 Operator : JC\MD
 Sample : VN0829WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2024
 Supervised By : Mahesh Dadoda 08/30/2024

Quant Time: Aug 30 01:23:03 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	148458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121280	57.393	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.780%			
35) Dibromofluoromethane	8.165	113	91854	57.764	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.520%			
50) Toluene-d8	10.565	98	319790	53.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.820%			
62) 4-Bromofluorobenzene	12.847	95	131161	56.718	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	28952	17.197	ug/l	99
3) Chloromethane	2.359	50	32493	18.852	ug/l	93
4) Vinyl Chloride	2.512	62	36221	20.595	ug/l	98
5) Bromomethane	2.901	94	18470	16.925	ug/l	98
6) Chloroethane	3.065	64	26127	23.745	ug/l	97
7) Trichlorofluoromethane	3.465	101	66065	22.739	ug/l	93
8) Diethyl Ether	3.959	74	24580	22.736	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.353	101	36334	22.683	ug/l	99
10) Methyl Iodide	4.577	142	45414	21.553	ug/l	93
11) Tert butyl alcohol	5.547	59	41037	93.447	ug/l	98
12) 1,1-Dichloroethene	4.324	96	34379	20.890	ug/l	93
13) Acrolein	4.171	56	30202	105.523	ug/l	97
14) Allyl chloride	5.012	41	65977	21.215	ug/l	90
15) Acrylonitrile	5.718	53	100052	110.779	ug/l	99
16) Acetone	4.424	43	86719	104.877	ug/l	94
17) Carbon Disulfide	4.694	76	80978	16.817	ug/l	99
18) Methyl Acetate	5.024	43	58742	23.844	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	135748	22.853	ug/l	96
20) Methylene Chloride	5.265	84	39390	20.699	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	34335	20.186	ug/l	98
22) Diisopropyl ether	6.671	45	132660	22.693	ug/l	97
23) Vinyl Acetate	6.600	43	694822	115.961	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	72849	22.863	ug/l	99
25) 2-Butanone	7.483	43	133125	104.854	ug/l	91
26) 2,2-Dichloropropane	7.488	77	70302	23.758	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	45819	22.324	ug/l	96
28) Bromochloromethane	7.812	49	31620	24.282	ug/l	86
29) Tetrahydrofuran	7.841	42	88473	107.798	ug/l	90
30) Chloroform	7.965	83	79274	23.947	ug/l	95
31) Cyclohexane	8.253	56	65004	20.758	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	73839	23.565	ug/l	94
36) 1,1-Dichloropropene	8.371	75	51243	21.303	ug/l	98
37) Ethyl Acetate	7.565	43	58460	21.705	ug/l #	96
38) Carbon Tetrachloride	8.359	117	62448	23.049	ug/l	98
39) Methylcyclohexane	9.600	83	62771	21.245	ug/l	90
40) Benzene	8.606	78	162347	22.655	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31734	20.722	ug/l	95
42) 1,2-Dichloroethane	8.671	62	61083	23.400	ug/l	99
43) Isopropyl Acetate	8.688	43	107430	21.658	ug/l #	95
44) Trichloroethene	9.353	130	37897	22.218	ug/l	100
45) 1,2-Dichloropropane	9.618	63	40877	24.031	ug/l	99
46) Dibromomethane	9.706	93	29593	24.306	ug/l	96
47) Bromodichloromethane	9.888	83	62837	22.985	ug/l	95
48) Methyl methacrylate	9.682	41	48171	21.633	ug/l	92
49) 1,4-Dioxane	9.694	88	16116	401.174	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	279363	109.686	ug/l	93
52) Toluene	10.629	92	102596	22.659	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	62900	22.399	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	65942	22.077	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	38177	23.528	ug/l	99
56) Ethyl methacrylate	10.871	69	68484	22.388	ug/l	89
57) 1,3-Dichloropropane	11.159	76	69285	23.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	143125	110.692	ug/l	96
59) 2-Hexanone	11.194	43	214127	108.672	ug/l	92
60) Dibromochloromethane	11.359	129	44673	22.771	ug/l	100
61) 1,2-Dibromoethane	11.471	107	39236	23.018	ug/l	97
64) Tetrachloroethene	11.106	164	31966	21.833	ug/l	93
65) Chlorobenzene	11.888	112	108221	22.152	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	39984	23.206	ug/l	98
67) Ethyl Benzene	11.965	91	196407	21.915	ug/l	100
68) m/p-Xylenes	12.070	106	142472	42.439	ug/l	93
69) o-Xylene	12.400	106	73647	22.243	ug/l	99
70) Styrene	12.412	104	120876	21.736	ug/l	98
71) Bromoform	12.576	173	28957	22.185	ug/l #	100
73) Isopropylbenzene	12.694	105	192745	19.663	ug/l	100
74) N-amyl acetate	12.494	43	87918	18.337	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	57298	20.667	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	50219m	19.525	ug/l	
77) Bromobenzene	12.982	156	42758	19.637	ug/l	96
78) n-propylbenzene	13.035	91	214711	19.023	ug/l	100
79) 2-Chlorotoluene	13.123	91	138432	19.345	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	160752	19.588	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	19991	16.907	ug/l	97
82) 4-Chlorotoluene	13.223	91	136040	18.953	ug/l	98
83) tert-Butylbenzene	13.441	119	144284	19.853	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	162773	19.682	ug/l	99
85) sec-Butylbenzene	13.617	105	190355	19.195	ug/l	100
86) p-Isopropyltoluene	13.729	119	160968	19.659	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	79895	19.500	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	80008	19.369	ug/l	98
89) n-Butylbenzene	14.059	91	133552	18.824	ug/l	100
90) Hexachloroethane	14.335	117	32137	20.316	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	82011	20.684	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13467	20.018	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	41641	18.747	ug/l	98
94) Hexachlorobutadiene	15.506	225	18031	18.253	ug/l	98
95) Naphthalene	15.641	128	145809	18.531	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	41198	18.744	ug/l	98

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

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