

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083577.D
 Acq On : 30 Aug 2024 15:57
 Operator : JC\MD
 Sample : VN0830WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024

Quant Time: Aug 31 02:39:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	180022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130626	51.919	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.840%			
35) Dibromofluoromethane	8.165	113	94942	50.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.280%			
50) Toluene-d8	10.565	98	351327	47.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.300%			
62) 4-Bromofluorobenzene	12.847	95	136100	49.824	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36417	19.114	ug/l	97
3) Chloromethane	2.359	50	40013	18.029	ug/l	93
4) Vinyl Chloride	2.512	62	41765	18.803	ug/l	100
5) Bromomethane	2.901	94	21696	18.581	ug/l	90
6) Chloroethane	3.071	64	26763	18.438	ug/l	91
7) Trichlorofluoromethane	3.465	101	69559	19.016	ug/l	96
8) Diethyl Ether	3.953	74	24603	18.815	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	38411	19.363	ug/l	100
10) Methyl Iodide	4.571	142	50798	18.930	ug/l	98
11) Tert butyl alcohol	5.536	59	36854	93.947	ug/l	99
12) 1,1-Dichloroethene	4.330	96	36262	18.387	ug/l	87
13) Acrolein	4.177	56	30628	82.526	ug/l	100
14) Allyl chloride	5.012	41	65209	18.545	ug/l	99
15) Acrylonitrile	5.718	53	92354	95.462	ug/l	99
16) Acetone	4.430	43	87857	87.566	ug/l	97
17) Carbon Disulfide	4.700	76	97394	16.946	ug/l	97
18) Methyl Acetate	5.024	43	49005	18.366	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	134454	19.220	ug/l	98
20) Methylene Chloride	5.271	84	40617	18.332	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	36938	17.981	ug/l	97
22) Diisopropyl ether	6.671	45	132363	19.091	ug/l	98
23) Vinyl Acetate	6.600	43	485155	94.421	ug/l	100
24) 1,1-Dichloroethane	6.559	63	74018	18.720	ug/l	98
25) 2-Butanone	7.489	43	127078	93.025	ug/l	100
26) 2,2-Dichloropropane	7.489	77	66644	18.104	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	45767	18.670	ug/l	99
28) Bromochloromethane	7.812	49	34298	18.576	ug/l	96
29) Tetrahydrofuran	7.836	42	82941	97.885	ug/l	98
30) Chloroform	7.965	83	79330	19.044	ug/l	94
31) Cyclohexane	8.253	56	69176	17.774	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	71997	19.113	ug/l	99
36) 1,1-Dichloropropene	8.365	75	54128	18.741	ug/l	99
37) Ethyl Acetate	7.565	43	52082	18.119	ug/l	99
38) Carbon Tetrachloride	8.359	117	63748	19.345	ug/l	95
39) Methylcyclohexane	9.600	83	66582	19.211	ug/l	97
40) Benzene	8.606	78	165380	18.614	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	30301	18.473	ug/l	99
42) 1,2-Dichloroethane	8.671	62	62555	18.994	ug/l	99
43) Isopropyl Acetate	8.688	43	104574	17.358	ug/l	98
44) Trichloroethene	9.347	130	38849	18.177	ug/l	96
45) 1,2-Dichloropropane	9.624	63	40891	19.757	ug/l	99
46) Dibromomethane	9.706	93	29492	19.314	ug/l	98
47) Bromodichloromethane	9.888	83	61762	19.001	ug/l	92
48) Methyl methacrylate	9.682	41	44028	18.675	ug/l	98
49) 1,4-Dioxane	9.700	88	15050	389.572	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	259968	97.281	ug/l	99
52) Toluene	10.629	92	103878	18.694	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	62162	18.474	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	66001	18.687	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	38052	19.186	ug/l	95
56) Ethyl methacrylate	10.871	69	63374	19.315	ug/l	98
57) 1,3-Dichloropropane	11.165	76	67021	19.087	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	132269	92.777	ug/l	99
59) 2-Hexanone	11.194	43	190417	94.946	ug/l	99
60) Dibromochloromethane	11.359	129	43889	19.098	ug/l	96
61) 1,2-Dibromoethane	11.471	107	38039	18.773	ug/l	99
64) Tetrachloroethene	11.106	164	32231	18.190	ug/l	97
65) Chlorobenzene	11.894	112	109304	18.080	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	38961	19.088	ug/l	99
67) Ethyl Benzene	11.965	91	197004	18.255	ug/l	99
68) m/p-Xylenes	12.071	106	144881	35.638	ug/l	99
69) o-Xylene	12.394	106	73964	18.824	ug/l	97
70) Styrene	12.412	104	118025	17.865	ug/l	99
71) Bromoform	12.582	173	26654	18.333	ug/l #	97
73) Isopropylbenzene	12.694	105	188909	17.745	ug/l	100
74) N-amyl acetate	12.494	43	80466	17.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	53581	17.729	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	48017m	18.081	ug/l	
77) Bromobenzene	12.982	156	42226	16.906	ug/l	99
78) n-propylbenzene	13.035	91	212460	17.261	ug/l	100
79) 2-Chlorotoluene	13.123	91	138307	17.341	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	161311	17.987	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19042	16.912	ug/l	85
82) 4-Chlorotoluene	13.223	91	132998	16.414	ug/l	99
83) tert-Butylbenzene	13.441	119	140722	17.649	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	159107	17.625	ug/l	100
85) sec-Butylbenzene	13.618	105	184515	17.411	ug/l	100
86) p-Isopropyltoluene	13.729	119	153754	17.370	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	77582	16.002	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	77972	15.651	ug/l	98
89) n-Butylbenzene	14.059	91	129348	16.613	ug/l	100
90) Hexachloroethane	14.335	117	31413	18.232	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	78409	16.793	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12038	18.366	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	40290	15.217	ug/l	98
94) Hexachlorobutadiene	15.500	225	17337	16.351	ug/l	97
95) Naphthalene	15.641	128	133273	15.667	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	39282	14.852	ug/l	99

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

