

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083624.D
 Acq On : 03 Sep 2024 15:09
 Operator : JC\MD
 Sample : VN0903WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024

Quant Time: Sep 04 02:57:36 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	8.224	168	170933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128217	53.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.340%			
35) Dibromofluoromethane	8.165	113	93286	51.462	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	10.565	98	342320	48.475	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.940%			
62) 4-Bromofluorobenzene	12.847	95	140443	53.708	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35473	19.608	ug/l	97
3) Chloromethane	2.359	50	37875	17.973	ug/l	99
4) Vinyl Chloride	2.512	62	38437	18.225	ug/l	96
5) Bromomethane	2.901	94	19593	17.672	ug/l	93
6) Chloroethane	3.065	64	26678	19.357	ug/l	95
7) Trichlorofluoromethane	3.471	101	65474	18.851	ug/l	98
8) Diethyl Ether	3.953	74	22994	18.519	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	36304	19.274	ug/l	99
10) Methyl Iodide	4.571	142	47411	18.608	ug/l	98
11) Tert butyl alcohol	5.536	59	33506	89.954	ug/l #	86
12) 1,1-Dichloroethene	4.324	96	34341	18.339	ug/l	91
13) Acrolein	4.171	56	34436	97.720	ug/l	99
14) Allyl chloride	5.012	41	60483	18.116	ug/l	100
15) Acrylonitrile	5.712	53	87813	95.595	ug/l	99
16) Acetone	4.430	43	77947	81.820	ug/l	98
17) Carbon Disulfide	4.700	76	87841	16.097	ug/l	97
18) Methyl Acetate	5.024	43	44414	17.530	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	127284	19.162	ug/l	99
20) Methylene Chloride	5.277	84	38308	18.209	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	33898	17.378	ug/l	95
22) Diisopropyl ether	6.671	45	126161	19.164	ug/l	98
23) Vinyl Acetate	6.600	43	475569	97.477	ug/l	99
24) 1,1-Dichloroethane	6.559	63	70966	18.903	ug/l	97
25) 2-Butanone	7.483	43	119209	91.905	ug/l	99
26) 2,2-Dichloropropane	7.489	77	63728	18.232	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	43468	18.675	ug/l	99
28) Bromochloromethane	7.812	49	28335	16.162	ug/l	97
29) Tetrahydrofuran	7.836	42	75812	94.229	ug/l	99
30) Chloroform	7.965	83	74448	18.822	ug/l	90
31) Cyclohexane	8.253	56	66672	18.042	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	70655	19.754	ug/l	99
36) 1,1-Dichloropropene	8.365	75	49875	18.038	ug/l	99
37) Ethyl Acetate	7.559	43	50540	18.367	ug/l	98
38) Carbon Tetrachloride	8.359	117	59812	18.960	ug/l	98
39) Methylcyclohexane	9.600	83	62783	18.923	ug/l	98
40) Benzene	8.606	78	157437	18.510	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29488	18.779	ug/l	100
42) 1,2-Dichloroethane	8.671	62	59011	18.717	ug/l	100
43) Isopropyl Acetate	8.688	43	127122	22.369	ug/l #	90
44) Trichloroethene	9.347	130	36958	18.063	ug/l	95
45) 1,2-Dichloropropane	9.618	63	38751	19.558	ug/l	97
46) Dibromomethane	9.706	93	26311	18.000	ug/l	94
47) Bromodichloromethane	9.888	83	59028	18.970	ug/l #	98
48) Methyl methacrylate	9.682	41	43448	19.250	ug/l	98
49) 1,4-Dioxane	9.694	88	14134	382.180	ug/l #	98
51) 4-Methyl-2-Pentanone	10.441	43	246006	96.162	ug/l	98
52) Toluene	10.629	92	98895	18.591	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	59267	18.399	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	62752	18.560	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	36648	19.302	ug/l	98
56) Ethyl methacrylate	10.871	69	63064	20.078	ug/l	97
57) 1,3-Dichloropropane	11.159	76	61648	18.340	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	126960	93.025	ug/l	98
59) 2-Hexanone	11.194	43	179911	93.708	ug/l	100
60) Dibromochloromethane	11.359	129	41254	18.752	ug/l	99
61) 1,2-Dibromoethane	11.471	107	37857	19.516	ug/l	98
64) Tetrachloroethene	11.100	164	30255	17.244	ug/l	97
65) Chlorobenzene	11.888	112	103098	17.223	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	36996	18.305	ug/l	99
67) Ethyl Benzene	11.965	91	190510	17.829	ug/l	99
68) m/p-Xylenes	12.071	106	139307	34.607	ug/l	99
69) o-Xylene	12.394	106	70232	18.052	ug/l	99
70) Styrene	12.412	104	112216	17.154	ug/l	97
71) Bromoform	12.576	173	28103	19.522	ug/l #	100
73) Isopropylbenzene	12.694	105	182905	16.455	ug/l	99
74) N-amyl acetate	12.494	43	78655	16.303	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	53564	16.975	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	46304m	16.700	ug/l	
77) Bromobenzene	12.976	156	39477	15.138	ug/l	95
78) n-propylbenzene	13.035	91	207822	16.171	ug/l	98
79) 2-Chlorotoluene	13.123	91	131387	15.777	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	155417	16.598	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18845	16.030	ug/l	96
82) 4-Chlorotoluene	13.218	91	126698	14.976	ug/l	97
83) tert-Butylbenzene	13.435	119	141051	16.943	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	156282	16.581	ug/l	99
85) sec-Butylbenzene	13.618	105	186148	16.823	ug/l	99
86) p-Isopropyltoluene	13.729	119	153790	16.640	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	76504	15.113	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	75029	14.424	ug/l	98
89) n-Butylbenzene	14.053	91	131849	16.219	ug/l	99
90) Hexachloroethane	14.329	117	28843	16.033	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	77323	15.861	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12191	17.814	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	40567	14.675	ug/l	96
94) Hexachlorobutadiene	15.500	225	17482	15.791	ug/l	96
95) Naphthalene	15.641	128	149379	16.818	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	40316	14.599	ug/l	94

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

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