

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081760.D
 Acq On : 16 Apr 2024 15:39
 Operator : JC\MD
 Sample : P2073-05MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RSB-01B-23-041024MSD

Quant Time: Apr 17 03:26:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	238598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	433922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	400167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	188055	56.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.020%			
35) Dibromofluoromethane	8.165	113	154898	54.058	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.120%			
50) Toluene-d8	10.571	98	580221	54.966	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.940%			
62) 4-Bromofluorobenzene	12.847	95	212083	58.794	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 117.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	164730	54.516	ug/l	99
3) Chloromethane	2.359	50	152647	60.296	ug/l	97
4) Vinyl Chloride	2.512	62	189835	51.332	ug/l	96
5) Bromomethane	2.942	94	121276	54.276	ug/l	95
6) Chloroethane	3.118	64	114119	51.788	ug/l	98
7) Trichlorofluoromethane	3.495	101	258377	54.103	ug/l	98
8) Diethyl Ether	3.959	74	87741	52.339	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	893217	298.620	ug/l	99
10) Methyl Iodide	4.595	142	125887	78.413	ug/l	96
11) Tert butyl alcohol	5.524	59	123685	270.060	ug/l	100
12) 1,1-Dichloroethene	4.342	96	171137	60.369	ug/l	99
13) Acrolein	4.177	56	141345	290.311	ug/l	100
14) Allyl chloride	5.018	41	184733	51.348	ug/l	99
15) Acrylonitrile	5.724	53	332022	262.691	ug/l	99
16) Acetone	4.424	43	233092	249.439	ug/l	100
17) Carbon Disulfide	4.712	76	393434	47.750	ug/l	99
18) Methyl Acetate	5.024	43	124404	47.598	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	469579	56.912	ug/l	99
20) Methylene Chloride	5.277	84	156553	56.935	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	151915	53.354	ug/l	91
22) Diisopropyl ether	6.671	45	440256	56.233	ug/l	99
23) Vinyl Acetate	6.606	43	1723006	281.940	ug/l	100
24) 1,1-Dichloroethane	6.571	63	283561	55.048	ug/l	96
25) 2-Butanone	7.483	43	412592	267.831	ug/l	100
26) 2,2-Dichloropropane	7.488	77	225742	50.273	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	191717	55.043	ug/l	98
28) Bromochloromethane	7.812	49	116572	53.006	ug/l	100
29) Tetrahydrofuran	7.841	42	291946	292.927	ug/l	99
30) Chloroform	7.965	83	338718	57.989	ug/l	98
31) Cyclohexane	8.253	56	234549	50.925	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	495920	95.745	ug/l	98
36) 1,1-Dichloropropene	8.371	75	209389	52.449	ug/l	99
37) Ethyl Acetate	7.559	43	178705	54.475	ug/l	97
38) Carbon Tetrachloride	8.359	117	252632	54.392	ug/l	99
39) Methylcyclohexane	9.600	83	248695	52.878	ug/l	97
40) Benzene	8.606	78	660478	53.111	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	100415	56.388	ug/l	97
42) 1,2-Dichloroethane	8.671	62	226622	52.277	ug/l	99
43) Isopropyl Acetate	8.688	43	373865	61.087	ug/l	92
44) Trichloroethene	9.353	130	12739365	3939.241	ug/l	96
45) 1,2-Dichloropropane	9.624	63	149257	52.058	ug/l	90
46) Dibromomethane	9.712	93	116328	48.611	ug/l	97
47) Bromodichloromethane	9.888	83	247658	54.177	ug/l	99
48) Methyl methacrylate	9.682	41	149596	59.971	ug/l	95
49) 1,4-Dioxane	9.700	88	66444	1062.048	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	958154	281.473	ug/l	99
52) Toluene	10.635	92	432612	54.766	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	249993	54.899	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	251848	51.918	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	160799	54.189	ug/l	98
56) Ethyl methacrylate	10.876	69	245380	60.100	ug/l	98
57) 1,3-Dichloropropane	11.165	76	267166	53.789	ug/l	100
59) 2-Hexanone	11.194	43	713003	289.340	ug/l	99
60) Dibromochloromethane	11.365	129	200187	55.815	ug/l	99
61) 1,2-Dibromoethane	11.471	107	165823	53.572	ug/l	98
64) Tetrachloroethene	11.106	164	453216	133.490	ug/l	95
65) Chlorobenzene	11.894	112	486396	52.824	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	168109	53.518	ug/l	99
67) Ethyl Benzene	11.965	91	817348	56.392	ug/l	97
68) m/p-Xylenes	12.070	106	654289	116.087	ug/l	99
69) o-Xylene	12.400	106	313450	58.032	ug/l	98
70) Styrene	12.412	104	527431	59.604	ug/l	99
71) Bromoform	12.582	173	128374	52.964	ug/l #	99
73) Isopropylbenzene	12.700	105	798344	56.851	ug/l	100
74) N-amyl acetate	12.494	43	279921	54.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	210886	51.115	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	200504m	59.514	ug/l	
77) Bromobenzene	12.982	156	188827	52.742	ug/l	98
78) n-propylbenzene	13.035	91	932666	57.235	ug/l	100
79) 2-Chlorotoluene	13.129	91	559332	55.066	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	671724	58.557	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	80542	52.625	ug/l	97
82) 4-Chlorotoluene	13.223	91	556523	55.462	ug/l	99
83) tert-Butylbenzene	13.441	119	582787	58.004	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	672841	58.148	ug/l	99
85) sec-Butylbenzene	13.617	105	816230	58.217	ug/l	99
86) p-Isopropyltoluene	13.729	119	682500	59.390	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	352245	52.640	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	348975	51.143	ug/l	96
89) n-Butylbenzene	14.059	91	565793	56.311	ug/l	100
90) Hexachloroethane	14.335	117	128974	52.723	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	334699	51.678	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46984	61.848	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	184938	54.207	ug/l	99
94) Hexachlorobutadiene	15.506	225	67370	45.809	ug/l	95
95) Naphthalene	15.641	128	640367	58.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	181943	52.159	ug/l	96

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

