

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082593.D
 Acq On : 14 Jun 2024 19:18
 Operator : JC\MD
 Sample : P2890-03MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-338-340MS

Quant Time: Jun 14 23:50:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	138759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	229030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113999	50.000	ug/l	0.00

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 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127226	58.066	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.140%	
35) Dibromofluoromethane	8.165	113	92104	61.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 122.680%	
50) Toluene-d8	10.570	98	321052	55.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.540%	
62) 4-Bromofluorobenzene	12.853	95	120804	58.791	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 117.580%	

06/17/2024

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110970	55.469	ug/l	97
3) Chloromethane	2.359	50	126335	55.722	ug/l	99
4) Vinyl Chloride	2.512	62	124880	58.589	ug/l	97
5) Bromomethane	2.942	94	68089	55.577	ug/l	99
6) Chloroethane	3.112	64	87869	63.136	ug/l	100
7) Trichlorofluoromethane	3.494	101	163290	58.505	ug/l	97
8) Diethyl Ether	3.959	74	60034	60.379	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.371	101	94821	58.157	ug/l	98
10) Methyl Iodide	4.589	142	101408	61.870	ug/l	94
11) Tert butyl alcohol	5.530	59	99155	281.922	ug/l	99
12) 1,1-Dichloroethene	4.336	96	86880	57.331	ug/l #	79
13) Acrolein	4.177	56	77777	298.419	ug/l	99
14) Allyl chloride	5.024	41	170003	52.397	ug/l #	92
15) Acrylonitrile	5.724	53	295081	323.949	ug/l	99
16) Acetone	4.430	43	264438	294.211	ug/l	94
17) Carbon Disulfide	4.712	76	249884	51.054	ug/l	97
18) Methyl Acetate	5.030	43	135758	60.651	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	336932	60.827	ug/l	93
20) Methylene Chloride	5.277	84	108855	60.027	ug/l #	74
21) trans-1,2-Dichloroethene	5.788	96	95525	57.844	ug/l #	78
22) Diisopropyl ether	6.677	45	413701	61.063	ug/l #	92
23) Vinyl Acetate	6.606	43	1495925	280.054	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	210851	60.381	ug/l	95
25) 2-Butanone	7.488	43	423968	311.117	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	135965	46.486	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	116007	59.523	ug/l	85
28) Bromochloromethane	7.812	49	84809	56.199	ug/l #	76
29) Tetrahydrofuran	7.841	42	290491	332.010	ug/l #	82
30) Chloroform	7.971	83	208298	62.464	ug/l	98
31) Cyclohexane	8.259	56	179051	51.166	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	182487	61.684	ug/l	93
36) 1,1-Dichloropropene	8.377	75	142080	56.417	ug/l	95
37) Ethyl Acetate	7.565	43	166207	58.972	ug/l #	95
38) Carbon Tetrachloride	8.365	117	157151	61.557	ug/l	98
39) Methylcyclohexane	9.606	83	143515	51.989	ug/l #	85
40) Benzene	8.606	78	445925	59.378	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.782	41	105350	63.558	ug/l	#	81
42) 1,2-Dichloroethane	8.671	62	173194	59.964	ug/l		95
43) Isopropyl Acetate	8.694	43	298951	59.862	ug/l	#	89
44) Trichloroethene	9.353	130	96765	56.723	ug/l		93
45) 1,2-Dichloropropane	9.623	63	118694	61.257	ug/l		99
46) Dibromomethane	9.712	93	77766	61.131	ug/l		98
47) Bromodichloromethane	9.888	83	167747	62.462	ug/l		95
48) Methyl methacrylate	9.682	41	147050	61.795	ug/l	#	82
49) 1,4-Dioxane	9.694	88	43529	1305.395	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.447	43	933825	329.108	ug/l		90
52) Toluene	10.635	92	276863	61.433	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	164291	59.151	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	169362	57.606	ug/l	#	83
55) 1,1,2-Trichloroethane	11.018	97	104182	63.612	ug/l		99
56) Ethyl methacrylate	10.876	69	175753	63.207	ug/l	#	72
57) 1,3-Dichloropropane	11.165	76	189037	61.732	ug/l		100
59) 2-Hexanone	11.200	43	691511	332.842	ug/l		90
60) Dibromochloromethane	11.365	129	125467	69.419	ug/l		100
61) 1,2-Dibromoethane	11.470	107	104281	61.990	ug/l		99
64) Tetrachloroethene	11.106	164	95534	56.277	ug/l		98
65) Chlorobenzene	11.894	112	290031	57.323	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	106453	63.874	ug/l		99
67) Ethyl Benzene	11.965	91	519180	57.362	ug/l		96
68) m/p-Xylenes	12.076	106	391292	117.958	ug/l		93
69) o-Xylene	12.400	106	188610	58.697	ug/l		92
70) Styrene	12.412	104	316430	59.286	ug/l		96
71) Bromoform	12.582	173	84760	63.749	ug/l	#	99
73) Isopropylbenzene	12.700	105	482298	53.254	ug/l		98
74) N-amyl acetate	12.494	43	248342	49.851	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	152513	58.419	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	146955m	61.246	ug/l		
77) Bromobenzene	12.982	156	117414	54.401	ug/l		88
78) n-propylbenzene	13.035	91	575931	53.702	ug/l		97
79) 2-Chlorotoluene	13.129	91	352665	52.368	ug/l		94
80) 1,3,5-Trimethylbenzene	13.176	105	397086	54.224	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	55899	54.491	ug/l	#	76
82) 4-Chlorotoluene	13.223	91	353807	53.735	ug/l		96
83) tert-Butylbenzene	13.441	119	335837	52.420	ug/l		95
84) 1,2,4-Trimethylbenzene	13.482	105	410997	54.857	ug/l		97
85) sec-Butylbenzene	13.617	105	471368	53.081	ug/l		98
86) p-Isopropyltoluene	13.729	119	387255	53.660	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	214292	54.803	ug/l		99
88) 1,4-Dichlorobenzene	13.811	146	207353	51.957	ug/l		96
89) n-Butylbenzene	14.059	91	318640	49.123	ug/l		98
90) Hexachloroethane	14.335	117	79425	59.400	ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	206354	55.752	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32652	60.874	ug/l		88
93) 1,2,4-Trichlorobenzene	15.394	180	97989	47.230	ug/l		99
94) Hexachlorobutadiene	15.505	225	41443	45.523	ug/l		98
95) Naphthalene	15.647	128	342788	52.722	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	100798	48.532	ug/l		97

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

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