

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079159.D
 Acq On : 02 Sep 2023 21:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 04 01:12:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
 Supervised By :Semsettin Yesilyurt 09/05/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	199987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	316165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171048	54.965	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.920%			
35) Dibromofluoromethane	8.171	113	145579	60.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.900%			
50) Toluene-d8	10.571	98	495906	55.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.820%			
62) 4-Bromofluorobenzene	12.853	95	184385	63.604	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 127.200%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	107134	38.608	ug/l	96
3) Chloromethane	2.365	50	83394	21.525	ug/l	97
4) Vinyl Chloride	2.518	62	158516	46.653	ug/l	99
5) Bromomethane	2.942	94	64003	32.809	ug/l	100
6) Chloroethane	3.112	64	75672	31.858	ug/l	98
7) Trichlorofluoromethane	3.495	101	227566	54.989	ug/l	100
8) Diethyl Ether	3.965	74	91476	58.306	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.377	101	118094	53.579	ug/l	97
10) Methyl Iodide	4.589	142	164769	66.815	ug/l	96
11) Tert butyl alcohol	5.530	59	139231	266.627	ug/l	100
12) 1,1-Dichloroethene	4.342	96	120108	55.942	ug/l	87
13) Acrolein	4.183	56	69943	248.153	ug/l	99
14) Allyl chloride	5.024	41	196197	45.913	ug/l	92
15) Acrylonitrile	5.724	53	411631	290.977	ug/l	99
16) Acetone	4.430	43	312854	243.647	ug/l	97
17) Carbon Disulfide	4.712	76	281320	46.809	ug/l	100
18) Methyl Acetate	5.030	43	294551	54.301	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	481393	62.244	ug/l	94
20) Methylene Chloride	5.283	84	161655	59.076	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	135604	56.324	ug/l #	83
22) Diisopropyl ether	6.677	45	515329	57.005	ug/l #	87
23) Vinyl Acetate	6.606	43	1511873	253.998	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	290027	58.727	ug/l	99
25) 2-Butanone	7.488	43	532493	258.659	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	180044	45.102	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	173425	59.265	ug/l	90
28) Bromochloromethane	7.818	49	117982	45.036	ug/l #	80
29) Tetrahydrofuran	7.841	42	349756	256.678	ug/l #	78
30) Chloroform	7.971	83	301750	61.159	ug/l	97
31) Cyclohexane	8.259	56	197937	51.058	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	247782	58.899	ug/l	97
36) 1,1-Dichloropropene	8.377	75	204544	56.928	ug/l	95
37) Ethyl Acetate	7.565	43	212379	52.829	ug/l #	94
38) Carbon Tetrachloride	8.365	117	212347	58.983	ug/l	96
39) Methylcyclohexane	9.606	83	179467	54.310	ug/l #	88
40) Benzene	8.612	78	651475	61.343	ug/l	100

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41) Methacrylonitrile	7.783	41	124241	56.744	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	228162	57.505	ug/l	99
43) Isopropyl Acetate	8.694	43	390071	54.897	ug/l #	89
44) Trichloroethene	9.353	130	151363	59.982	ug/l	97
45) 1,2-Dichloropropane	9.624	63	176591	62.453	ug/l	97
46) Dibromomethane	9.712	93	115194	59.396	ug/l	93
47) Bromodichloromethane	9.894	83	244963	63.965	ug/l	97
48) Methyl methacrylate	9.682	41	170341	52.903	ug/l	81
49) 1,4-Dioxane	9.700	88	64971	1184.655	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1139036	270.279	ug/l	93
52) Toluene	10.635	92	402506	61.730	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	247263	60.206	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	263117	58.825	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	170800	65.330	ug/l	97
56) Ethyl methacrylate	10.877	69	263553	65.030	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	293886	62.846	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	475384	244.360	ug/l	90
59) 2-Hexanone	11.200	43	810178	265.422	ug/l	92
60) Dibromochloromethane	11.365	129	182475	66.325	ug/l	99
61) 1,2-Dibromoethane	11.476	107	166002	62.481	ug/l	99
64) Tetrachloroethene	11.106	164	120648	60.849	ug/l	99
65) Chlorobenzene	11.894	112	412439	61.283	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	167028	65.672	ug/l	97
67) Ethyl Benzene	11.971	91	758320	61.961	ug/l	96
68) m/p-Xylenes	12.076	106	560801	122.558	ug/l	94
69) o-Xylene	12.400	106	277697	62.387	ug/l	93
70) Styrene	12.418	104	474884	63.982	ug/l	99
71) Bromoform	12.582	173	127188	68.786	ug/l #	99
73) Isopropylbenzene	12.700	105	706621	58.861	ug/l	100
74) N-amyl acetate	12.500	43	301584	49.769	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	253834	58.559	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	199775m	57.587	ug/l	
77) Bromobenzene	12.982	156	169778	58.836	ug/l	95
78) n-propylbenzene	13.041	91	822965	59.117	ug/l	99
79) 2-Chlorotoluene	13.129	91	509670	59.021	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	587128	61.716	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	72123	53.110	ug/l #	82
82) 4-Chlorotoluene	13.223	91	492589	58.298	ug/l	99
83) tert-Butylbenzene	13.441	119	518473	64.864	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	590315	62.666	ug/l	100
85) sec-Butylbenzene	13.618	105	691000	62.816	ug/l	99
86) p-Isopropyltoluene	13.735	119	562360	63.986	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	295833	59.578	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	287225	57.793	ug/l	99
89) n-Butylbenzene	14.059	91	444302	61.429	ug/l	100
90) Hexachloroethane	14.335	117	111420	63.244	ug/l	82
91) 1,2-Dichlorobenzene	14.112	146	295977	59.939	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43780	62.127	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	84731	48.403	ug/l	98
94) Hexachlorobutadiene	15.512	225	55357	63.720	ug/l	98
95) Naphthalene	15.647	128	245403	37.658	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	123288	64.304	ug/l	98

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

