

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082519.D
 Acq On : 10 Jun 2024 17:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 01:37:53 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 :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	177601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139679	49.808	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.620%		
35) Dibromofluoromethane	8.171	113	101894	56.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.620%		
50) Toluene-d8	10.571	98	360241	52.384	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.760%		
62) 4-Bromofluorobenzene	12.847	95	141399	57.607	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	115.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	143933	56.211	ug/l	99
3) Chloromethane	2.359	50	155693	53.652	ug/l	100
4) Vinyl Chloride	2.512	62	152467	55.888	ug/l	97
5) Bromomethane	2.953	94	84251	53.729	ug/l	95
6) Chloroethane	3.118	64	101291	56.862	ug/l	99
7) Trichlorofluoromethane	3.495	101	205739	57.592	ug/l	95
8) Diethyl Ether	3.965	74	72606	57.052	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	119311	57.174	ug/l	99
10) Methyl Iodide	4.589	142	129195	61.584	ug/l	94
11) Tert butyl alcohol	5.518	59	115693	257.003	ug/l	99
12) 1,1-Dichloroethene	4.342	96	108324	55.848	ug/l #	73
13) Acrolein	4.177	56	86920	260.561	ug/l	100
14) Allyl chloride	5.024	41	222206	53.509	ug/l #	91
15) Acrylonitrile	5.724	53	336196	288.365	ug/l	99
16) Acetone	4.430	43	338128	293.922	ug/l	93
17) Carbon Disulfide	4.712	76	325889	52.021	ug/l	98
18) Methyl Acetate	5.024	43	171151	59.740	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	409838	57.808	ug/l	94
20) Methylene Chloride	5.277	84	130755	56.334	ug/l #	74
21) trans-1,2-Dichloroethene	5.789	96	118581	56.101	ug/l #	77
22) Diisopropyl ether	6.671	45	498278	57.462	ug/l #	93
23) Vinyl Acetate	6.606	43	1971708	288.397	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	257300	57.568	ug/l	98
25) 2-Butanone	7.482	43	512394	293.772	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	222613	59.464	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	146371	58.678	ug/l	82
28) Bromochloromethane	7.818	49	92449	47.481	ug/l #	74
29) Tetrahydrofuran	7.841	42	328253	293.118	ug/l #	82
30) Chloroform	7.965	83	248956	58.329	ug/l	96
31) Cyclohexane	8.259	56	230864	51.543	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	222468	58.752	ug/l	94
36) 1,1-Dichloropropene	8.371	75	178458	59.321	ug/l	97
37) Ethyl Acetate	7.565	43	201405	59.823	ug/l #	94
38) Carbon Tetrachloride	8.365	117	193147	63.335	ug/l	98
39) Methylcyclohexane	9.600	83	198428	60.175	ug/l #	88
40) Benzene	8.606	78	549300	61.231	ug/l	100

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41) Methacrylonitrile	7.777	41	115853	58.512	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	205353	59.519	ug/l	95
43) Isopropyl Acetate	8.688	43	375726	62.982	ug/l #	88
44) Trichloroethene	9.353	130	122541	60.134	ug/l	93
45) 1,2-Dichloropropane	9.624	63	140730	60.801	ug/l	98
46) Dibromomethane	9.712	93	94149	61.956	ug/l	97
47) Bromodichloromethane	9.888	83	200459	62.487	ug/l	99
48) Methyl methacrylate	9.682	41	171327	60.272	ug/l #	84
49) 1,4-Dioxane	9.694	88	48266	1211.722	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1065767	314.437	ug/l	90
52) Toluene	10.629	92	336801	62.562	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	212833	64.148	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	219541	62.512	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	123196	62.971	ug/l	99
56) Ethyl methacrylate	10.876	69	212147	63.870	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	225434	61.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	479980	280.155	ug/l	91
59) 2-Hexanone	11.200	43	795544	320.554	ug/l	90
60) Dibromochloromethane	11.359	129	149131	69.074	ug/l	99
61) 1,2-Dibromoethane	11.470	107	125818	62.612	ug/l	98
64) Tetrachloroethene	11.106	164	124540	61.029	ug/l	97
65) Chlorobenzene	11.894	112	363008	59.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	126241	63.012	ug/l	99
67) Ethyl Benzene	11.965	91	658815	60.551	ug/l	97
68) m/p-Xylenes	12.070	106	500452	125.500	ug/l	94
69) o-Xylene	12.400	106	237987	61.611	ug/l	93
70) Styrene	12.412	104	411526	64.140	ug/l	96
71) Bromoform	12.582	173	100663	62.989	ug/l #	98
73) Isopropylbenzene	12.700	105	621674	55.287	ug/l	98
74) N-amyl acetate	12.494	43	320742	51.857	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	172646	53.263	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	171528m	57.577	ug/l	
77) Bromobenzene	12.982	156	149763	55.887	ug/l	91
78) n-propylbenzene	13.035	91	742468	55.760	ug/l	97
79) 2-Chlorotoluene	13.129	91	444808	53.199	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	510982	56.199	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	78967	61.999	ug/l	90
82) 4-Chlorotoluene	13.223	91	451245	55.198	ug/l	95
83) tert-Butylbenzene	13.441	119	433982	54.559	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	526869	56.639	ug/l	97
85) sec-Butylbenzene	13.617	105	616827	55.946	ug/l	98
86) p-Isopropyltoluene	13.729	119	523844	58.462	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	273213	56.276	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	271212	54.735	ug/l	98
89) n-Butylbenzene	14.059	91	458783	56.965	ug/l	98
90) Hexachloroethane	14.335	117	97897	58.969	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	262645	57.153	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38027	57.100	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	142072	55.154	ug/l	98
94) Hexachlorobutadiene	15.506	225	61091	54.048	ug/l	98
95) Naphthalene	15.641	128	460644	57.063	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	141162	54.741	ug/l	95

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

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