

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082280.D
 Acq On : 22 May 2024 07:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 22 08:35:57 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 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	224905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	389729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165086	46.486	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.980%		
35) Dibromofluoromethane	8.171	113	114995	47.966	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	10.565	98	424728	46.208	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.420%		
62) 4-Bromofluorobenzene	12.847	95	161006	49.077	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	98.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	150562	46.433	ug/l	98
3) Chloromethane	2.365	50	150514	40.958	ug/l	98
4) Vinyl Chloride	2.518	62	151118	43.743	ug/l	98
5) Bromomethane	2.948	94	77106	38.830	ug/l	99
6) Chloroethane	3.118	64	98050	43.466	ug/l	99
7) Trichlorofluoromethane	3.495	101	225050	49.748	ug/l	100
8) Diethyl Ether	3.959	74	83335	51.710	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	123610	46.775	ug/l	98
10) Methyl Iodide	4.589	142	140549	52.905	ug/l	95
11) Tert butyl alcohol	5.518	59	136540	239.517	ug/l	99
12) 1,1-Dichloroethene	4.342	96	122089	49.706	ug/l #	81
13) Acrolein	4.177	56	86399	204.525	ug/l	97
14) Allyl chloride	5.024	41	221306	42.083	ug/l #	91
15) Acrylonitrile	5.718	53	351321	237.958	ug/l	99
16) Acetone	4.424	43	325812	223.648	ug/l	91
17) Carbon Disulfide	4.712	76	326481	41.154	ug/l	99
18) Methyl Acetate	5.024	43	175255	48.306	ug/l #	87
19) Methyl tert-butyl Ether	5.795	73	464340	51.720	ug/l	96
20) Methylene Chloride	5.277	84	138609	47.158	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	126667	47.322	ug/l #	79
22) Diisopropyl ether	6.671	45	530968	48.353	ug/l #	91
23) Vinyl Acetate	6.606	43	2066713	238.712	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	269973	47.699	ug/l	97
25) 2-Butanone	7.483	43	515255	233.279	ug/l #	85
26) 2,2-Dichloropropane	7.489	77	119212	25.146	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	157195	49.763	ug/l	89
28) Bromochloromethane	7.812	49	106907	43.185	ug/l #	79
29) Tetrahydrofuran	7.842	42	341541	240.837	ug/l #	84
30) Chloroform	7.965	83	270158	49.983	ug/l	99
31) Cyclohexane	8.259	56	234255	41.300	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	246633	51.434	ug/l	93
36) 1,1-Dichloropropene	8.371	75	189789	47.201	ug/l	96
37) Ethyl Acetate	7.559	43	208376	46.307	ug/l	96
38) Carbon Tetrachloride	8.365	117	203552	49.939	ug/l	99
39) Methylcyclohexane	9.600	83	209091	47.441	ug/l #	85
40) Benzene	8.606	78	575408	47.990	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	123623	46.713	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	225164	48.827	ug/l	95
43) Isopropyl Acetate	8.689	43	389944	48.905	ug/l #	90
44) Trichloroethene	9.353	130	132074	48.491	ug/l	93
45) 1,2-Dichloropropane	9.624	63	146792	47.450	ug/l	95
46) Dibromomethane	9.712	93	99741	49.108	ug/l	98
47) Bromodichloromethane	9.888	83	214564	50.041	ug/l	96
48) Methyl methacrylate	9.683	41	184504	48.562	ug/l #	83
49) 1,4-Dioxane	9.694	88	52197	980.424	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1115018	246.127	ug/l	91
52) Toluene	10.630	92	361594	50.253	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	204256	46.060	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	215851	45.984	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	130000	49.716	ug/l	98
56) Ethyl methacrylate	10.877	69	238451	53.711	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	237855	48.650	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	573629	250.503	ug/l	92
59) 2-Hexanone	11.194	43	819039	246.916	ug/l	91
60) Dibromochloromethane	11.359	129	155798	53.990	ug/l	97
61) 1,2-Dibromoethane	11.471	107	136658	50.881	ug/l	98
64) Tetrachloroethene	11.106	164	137776	52.704	ug/l	92
65) Chlorobenzene	11.894	112	385271	49.448	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	133431	51.990	ug/l	99
67) Ethyl Benzene	11.965	91	705468	50.615	ug/l	97
68) m/p-Xylenes	12.071	106	523072	102.396	ug/l	93
69) o-Xylene	12.400	106	255755	51.686	ug/l	91
70) Styrene	12.412	104	436616	53.122	ug/l	96
71) Bromoform	12.577	173	104412	51.136	ug/l #	99
73) Isopropylbenzene	12.694	105	669924	51.729	ug/l	99
74) N-amyl acetate	12.494	43	349460	49.057	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	178493	47.812	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	169004m	49.257	ug/l	
77) Bromobenzene	12.982	156	155336	50.331	ug/l	91
78) n-propylbenzene	13.035	91	778268	50.749	ug/l	97
79) 2-Chlorotoluene	13.129	91	481477	49.998	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	543724	51.923	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	57694	39.330	ug/l #	69
82) 4-Chlorotoluene	13.224	91	473740	50.315	ug/l	94
83) tert-Butylbenzene	13.441	119	484273	52.861	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	555289	51.830	ug/l	97
85) sec-Butylbenzene	13.618	105	657230	51.758	ug/l	98
86) p-Isopropyltoluene	13.729	119	552586	53.546	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	278895	49.879	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	275561	48.287	ug/l	97
89) n-Butylbenzene	14.059	91	470434	50.717	ug/l	97
90) Hexachloroethane	14.335	117	97424	50.953	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	269301	50.882	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39783	51.867	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	150528	50.738	ug/l	98
94) Hexachlorobutadiene	15.500	225	58717	45.105	ug/l	97
95) Naphthalene	15.641	128	524944	56.462	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	150734	50.753	ug/l	97

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

