

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076172.D
 Acq On : 10 Jan 2023 09:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 11 07:23:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/11/2023
 Supervised By :Semsettin Yesilyurt 01/11/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	321866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	515169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	473076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	164218	46.898	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.800%		
35) Dibromofluoromethane	8.171	113	150542	47.186	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.380%		
50) Toluene-d8	10.571	98	549158	46.038	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.080%		
62) 4-Bromofluorobenzene	12.847	95	196043	49.621	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	149136	65.257	ug/l	99
3) Chloromethane	2.371	50	144376	50.804	ug/l	94
4) Vinyl Chloride	2.530	62	176515	52.072	ug/l	98
5) Bromomethane	2.948	94	134695	46.754	ug/l	99
6) Chloroethane	3.124	64	125274	49.904	ug/l	100
7) Trichlorofluoromethane	3.506	101	259706	50.490	ug/l	95
8) Diethyl Ether	3.971	74	91776	48.850	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	152022	51.758	ug/l	98
10) Methyl Iodide	4.600	142	229510	48.148	ug/l	99
11) Tert butyl alcohol	5.536	59	94315	190.354	ug/l	99
12) 1,1-Dichloroethene	4.353	96	139194	48.794	ug/l	97
13) Acrolein	4.189	56	116350	191.544	ug/l	97
14) Allyl chloride	5.036	41	166196	49.838	ug/l	90
15) Acrylonitrile	5.724	53	311986	230.739	ug/l	99
16) Acetone	4.436	43	334215	276.881	ug/l	99
17) Carbon Disulfide	4.724	76	340101	49.241	ug/l	96
18) Methyl Acetate	5.030	43	172825	48.438	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	479480	51.041	ug/l	95
20) Methylene Chloride	5.283	84	162744	50.406	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	151437	48.473	ug/l	98
22) Diisopropyl ether	6.683	45	417700	51.562	ug/l	99
23) Vinyl Acetate	6.612	43	1317415	241.615	ug/l	99
24) 1,1-Dichloroethane	6.577	63	264830	49.018	ug/l	99
25) 2-Butanone	7.489	43	414113	245.020	ug/l	96
26) 2,2-Dichloropropane	7.500	77	230812	50.448	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	180014	48.178	ug/l	95
28) Bromochloromethane	7.818	49	99827	42.157	ug/l	98
29) Tetrahydrofuran	7.841	42	250376	236.393	ug/l	97
30) Chloroform	7.971	83	295387	48.560	ug/l	98
31) Cyclohexane	8.259	56	232551	46.372	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	267238	49.554	ug/l	97
36) 1,1-Dichloropropene	8.377	75	217182	51.245	ug/l	99
37) Ethyl Acetate	7.565	43	164615	48.356	ug/l	97
38) Carbon Tetrachloride	8.365	117	243037	51.237	ug/l	99
39) Methylcyclohexane	9.606	83	274557	53.698	ug/l	99
40) Benzene	8.612	78	649552	49.675	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	83528	47.205	ug/l	93
42) 1,2-Dichloroethane	8.677	62	213185	49.040	ug/l	100
43) Isopropyl Acetate	8.688	43	274359	48.857	ug/l	99
44) Trichloroethene	9.353	130	173996	47.233	ug/l	99
45) 1,2-Dichloropropane	9.624	63	156824	49.285	ug/l	99
46) Dibromomethane	9.712	93	114452	48.495	ug/l	99
47) Bromodichloromethane	9.888	83	234339	50.633	ug/l	99
48) Methyl methacrylate	9.682	41	131893	52.148	ug/l	99
49) 1,4-Dioxane	9.700	88	52639	846.581	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	829065	244.128	ug/l	99
52) Toluene	10.635	92	432339	50.768	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	240530	53.091	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	260279	52.326	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	165897	49.631	ug/l	99
56) Ethyl methacrylate	10.877	69	231153	52.063	ug/l	98
57) 1,3-Dichloropropane	11.165	76	270979	49.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	351026	248.326	ug/l	99
59) 2-Hexanone	11.200	43	630029	254.391	ug/l	98
60) Dibromochloromethane	11.359	129	193263	51.990	ug/l	99
61) 1,2-Dibromoethane	11.471	107	169546	50.123	ug/l	100
64) Tetrachloroethene	11.106	164	173551	52.134	ug/l	98
65) Chlorobenzene	11.894	112	461135	47.492	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	179735	49.975	ug/l	99
67) Ethyl Benzene	11.965	91	838964	51.195	ug/l	99
68) m/p-Xylenes	12.071	106	670185	103.325	ug/l	99
69) o-Xylene	12.400	106	327217	50.978	ug/l	99
70) Styrene	12.412	104	544158	53.318	ug/l	100
71) Bromoform	12.582	173	135573	51.805	ug/l #	99
73) Isopropylbenzene	12.700	105	858541	50.333	ug/l	100
74) N-amyl acetate	12.494	43	249681	49.896	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	232285	44.051	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	201283m	42.304	ug/l	
77) Bromobenzene	12.982	156	203653	47.177	ug/l	98
78) n-propylbenzene	13.035	91	993669	52.818	ug/l	100
79) 2-Chlorotoluene	13.129	91	572267	48.729	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	737967	51.693	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	68396	51.743	ug/l	99
82) 4-Chlorotoluene	13.129	91	572267	48.729	ug/l	99
83) tert-Butylbenzene	13.441	119	639355	50.795	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	737374	52.066	ug/l	99
85) sec-Butylbenzene	13.618	105	922179	53.081	ug/l	100
86) p-Isopropyltoluene	13.735	119	784180	54.247	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	389902	48.897	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	386873	47.493	ug/l	99
89) n-Butylbenzene	14.059	91	649474	55.458	ug/l	100
90) Hexachloroethane	14.335	117	137391	53.132	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	377537	48.067	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39749	42.482	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	195915	50.383	ug/l	98
94) Hexachlorobutadiene	15.500	225	103398	48.738	ug/l	99
95) Naphthalene	15.647	128	524672	41.242	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	184240	50.694	ug/l	99

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

