

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083246.D
 Acq On : 13 Aug 2024 10:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 01:37:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2024
 Supervised By :Semsettin Yesilyurt 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	132203	52.153	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.300%			
35) Dibromofluoromethane	8.165	113	97621	50.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	10.565	98	363620	50.663	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	12.847	95	142178	50.813	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96664	47.864	ug/l	99
3) Chloromethane	2.359	50	98368	47.575	ug/l	99
4) Vinyl Chloride	2.518	62	103758	49.180	ug/l	98
5) Bromomethane	2.947	94	64825	49.518	ug/l	99
6) Chloroethane	3.112	64	68510	51.904	ug/l	99
7) Trichlorofluoromethane	3.494	101	181998	52.219	ug/l	98
8) Diethyl Ether	3.959	74	63431	48.909	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	97771	50.881	ug/l	99
10) Methyl Iodide	4.589	142	124402	49.216	ug/l	94
11) Tert butyl alcohol	5.518	59	128834	244.559	ug/l	98
12) 1,1-Dichloroethene	4.347	96	94170	47.701	ug/l	84
13) Acrolein	4.177	56	81114	236.250	ug/l	99
14) Allyl chloride	5.018	41	157318	42.169	ug/l	93
15) Acrylonitrile	5.718	53	254823	235.198	ug/l	100
16) Acetone	4.424	43	258238	260.346	ug/l	99
17) Carbon Disulfide	4.712	76	245576	42.513	ug/l	100
18) Methyl Acetate	5.024	43	142874	48.345	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	357068	50.110	ug/l	98
20) Methylene Chloride	5.271	84	106255	46.546	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	97617	47.842	ug/l	95
22) Diisopropyl ether	6.671	45	354751	50.588	ug/l	97
23) Vinyl Acetate	6.600	43	1823271m	253.661	ug/l	
24) 1,1-Dichloroethane	6.571	63	197517	51.674	ug/l	99
25) 2-Butanone	7.482	43	357852	234.960	ug/l	92
26) 2,2-Dichloropropane	7.488	77	188000	52.961	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	122563	49.779	ug/l	94
28) Bromochloromethane	7.812	49	78972	50.555	ug/l	87
29) Tetrahydrofuran	7.835	42	227980	231.559	ug/l #	87
30) Chloroform	7.965	83	209389	52.728	ug/l	100
31) Cyclohexane	8.253	56	168933	44.970	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	195254	51.945	ug/l	96
36) 1,1-Dichloropropene	8.371	75	144432	49.623	ug/l	99
37) Ethyl Acetate	7.559	43	151069	46.356	ug/l #	95
38) Carbon Tetrachloride	8.365	117	166807	50.883	ug/l	98
39) Methylcyclohexane	9.600	83	171487	47.969	ug/l	94
40) Benzene	8.606	78	438884	50.617	ug/l	99

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 Supervised By :Semsettin Yesilyurt 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	85938	46.379	ug/l	96
42) 1,2-Dichloroethane	8.671	62	165275	52.326	ug/l	98
43) Isopropyl Acetate	8.688	43	272852	48.153	ug/l #	95
44) Trichloroethene	9.353	130	103946	50.366	ug/l	92
45) 1,2-Dichloropropane	9.618	63	106139	51.570	ug/l	98
46) Dibromomethane	9.712	93	77183	52.392	ug/l	99
47) Bromodichloromethane	9.888	83	169381	51.206	ug/l	99
48) Methyl methacrylate	9.676	41	127076	47.166	ug/l	92
49) 1,4-Dioxane	9.694	88	42495	874.255	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	758114	246.005	ug/l	94
52) Toluene	10.629	92	277827	50.713	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	178945	52.665	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	184717	51.111	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	102947	52.435	ug/l	96
56) Ethyl methacrylate	10.870	69	183747	49.645	ug/l	89
57) 1,3-Dichloropropane	11.165	76	184479	52.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	405122	258.946	ug/l	95
59) 2-Hexanone	11.194	43	568842	238.595	ug/l	93
60) Dibromochloromethane	11.359	129	127283	53.622	ug/l	97
61) 1,2-Dibromoethane	11.470	107	105890	51.342	ug/l	99
64) Tetrachloroethene	11.106	164	89002	49.447	ug/l	96
65) Chlorobenzene	11.894	112	302624	50.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	107111	50.567	ug/l	99
67) Ethyl Benzene	11.965	91	556470	50.506	ug/l	100
68) m/p-Xylenes	12.070	106	418879	101.492	ug/l	98
69) o-Xylene	12.400	106	206065	50.624	ug/l	99
70) Styrene	12.412	104	348418	50.963	ug/l	98
71) Bromoform	12.576	173	83212	51.856	ug/l #	98
73) Isopropylbenzene	12.694	105	540283	48.882	ug/l	99
74) N-amyl acetate	12.494	43	238687	44.149	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	149722	47.894	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	133276m	45.954	ug/l	
77) Bromobenzene	12.982	156	121587	49.521	ug/l	98
78) n-propylbenzene	13.035	91	630102	49.509	ug/l	100
79) 2-Chlorotoluene	13.123	91	391819	48.559	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	454104	49.074	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	57698	43.275	ug/l	99
82) 4-Chlorotoluene	13.223	91	395134	48.820	ug/l	97
83) tert-Butylbenzene	13.435	119	395662	48.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	457979	49.111	ug/l	99
85) sec-Butylbenzene	13.617	105	550323	49.216	ug/l	100
86) p-Isopropyltoluene	13.729	119	459639	49.784	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	221346	47.911	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	224098	48.114	ug/l	98
89) n-Butylbenzene	14.053	91	395753	49.469	ug/l	97
90) Hexachloroethane	14.335	117	86978	48.762	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	215635	48.233	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33331	43.939	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	121044	48.328	ug/l	99
94) Hexachlorobutadiene	15.500	225	48967	43.961	ug/l	97
95) Naphthalene	15.641	128	410232	46.239	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	118663	47.881	ug/l	96

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

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

