

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040324\
 Data File : VN081658.D
 Acq On : 03 Apr 2024 13:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 04 04:56:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 04/04/2024
 Supervised By :Semsettin
 Yesilyurt
 04/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	342465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	600046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	538422	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263244	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.582	65	227332	52.053	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.100%	
35) Dibromofluoromethane	8.165	113	207433	54.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.560%	
50) Toluene-d8	10.565	98	681235	49.764	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.847	95	249932	51.815	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.640%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	253842	55.048	ug/l	94
3) Chloromethane	2.359	50	246056	53.593	ug/l	97
4) Vinyl Chloride	2.518	62	237312	46.057	ug/l	95
5) Bromomethane	2.959	94	192408	52.802	ug/l	95
6) Chloroethane	3.124	64	165627	46.817	ug/l	95
7) Trichlorofluoromethane	3.500	101	416225	54.202	ug/l	95
8) Diethyl Ether	3.959	74	148041	58.252	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	238654	54.696	ug/l	# 88
10) Methyl Iodide	4.595	142	279492	64.322	ug/l	97
11) Tert butyl alcohol	5.524	59	193512	254.257	ug/l	98
12) 1,1-Dichloroethene	4.342	96	230470	57.024	ug/l	83
13) Acrolein	4.177	56	176692	258.722	ug/l	98
14) Allyl chloride	5.018	41	304060	60.038	ug/l	# 92
15) Acrylonitrile	5.718	53	516050	253.450	ug/l	98
16) Acetone	4.424	43	297155	210.536	ug/l	93
17) Carbon Disulfide	4.712	76	643255	55.462	ug/l	# 95
18) Methyl Acetate	5.018	43	201643	46.340	ug/l	# 84
19) Methyl tert-butyl Ether	5.794	73	757156	59.860	ug/l	93
20) Methylene Chloride	5.271	84	261860	56.639	ug/l	# 82
21) trans-1,2-Dichloroethene	5.783	96	248801	55.211	ug/l	90
22) Diisopropyl ether	6.671	45	688161	58.480	ug/l	# 92
23) Vinyl Acetate	6.600	43	2728731	291.328	ug/l	# 88
24) 1,1-Dichloroethane	6.565	63	421731	53.509	ug/l	93
25) 2-Butanone	7.483	43	570184	235.528	ug/l	# 87
26) 2,2-Dichloropropane	7.488	77	387857	56.738	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	302318	59.293	ug/l	82
28) Bromochloromethane	7.812	49	151821	47.293	ug/l	# 50
29) Tetrahydrofuran	7.835	42	410113	251.470	ug/l	# 77
30) Chloroform	7.965	83	479350	56.812	ug/l	99
31) Cyclohexane	8.259	56	348410	49.025	ug/l	# 72
32) 1,1,1-Trichloroethane	8.171	97	417235	54.505	ug/l	# 90
36) 1,1-Dichloropropene	8.371	75	316539	49.670	ug/l	95
37) Ethyl Acetate	7.553	43	271179	49.693	ug/l	# 95
38) Carbon Tetrachloride	8.359	117	366053	52.434	ug/l	95
39) Methylcyclohexane	9.600	83	395498	55.572	ug/l	# 84
40) Benzene	8.606	78	1009335	54.173	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	154321	53.473	ug/l	91
42) 1,2-Dichloroethane	8.671	62	325326	49.616	ug/l	96
43) Isopropyl Acetate	8.688	43	469559	51.910	ug/l #	91
44) Trichloroethene	9.353	130	266384	50.835	ug/l	92
45) 1,2-Dichloropropane	9.624	63	236798	52.442	ug/l	97
46) Dibromomethane	9.712	93	185961	54.230	ug/l #	87
47) Bromodichloromethane	9.888	83	376092	56.096	ug/l #	96
48) Methyl methacrylate	9.682	41	212599	50.955	ug/l #	84
49) 1,4-Dioxane	9.700	88	84755	845.301	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	1336291	242.097	ug/l	90
52) Toluene	10.629	92	642010	54.214	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	389705	53.830	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	411742	53.046	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	246456	51.714	ug/l	91
56) Ethyl methacrylate	10.871	69	367806	51.652	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	411419	52.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	860044	286.801	ug/l #	83
59) 2-Hexanone	11.194	43	967655	237.118	ug/l	90
60) Dibromochloromethane	11.359	129	291321	55.583	ug/l	99
61) 1,2-Dibromoethane	11.471	107	253673	52.209	ug/l	97
64) Tetrachloroethene	11.106	164	281288	54.655	ug/l	91
65) Chlorobenzene	11.894	112	714019	56.097	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	250880	53.181	ug/l	97
67) Ethyl Benzene	11.965	91	1207784	54.626	ug/l	97
68) m/p-Xylenes	12.070	106	938326	113.206	ug/l	93
69) o-Xylene	12.400	106	449022	55.181	ug/l	94
70) Styrene	12.412	104	785238	59.833	ug/l	94
71) Bromoform	12.576	173	181368	51.162	ug/l #	96
73) Isopropylbenzene	12.694	105	1162578	51.810	ug/l	97
74) N-amyl acetate	12.494	43	392388	48.321	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	297312	45.065	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	270019m	42.881	ug/l	
77) Bromobenzene	12.982	156	278828	50.302	ug/l	68
78) n-propylbenzene	13.035	91	1358666	51.271	ug/l	95
79) 2-Chlorotoluene	13.123	91	794670	50.104	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	973622	52.533	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	117035	50.226	ug/l	89
82) 4-Chlorotoluene	13.223	91	807547	51.644	ug/l	92
83) tert-Butylbenzene	13.441	119	829009	51.871	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	986405	52.954	ug/l	95
85) sec-Butylbenzene	13.617	105	1185009	51.867	ug/l	94
86) p-Isopropyltoluene	13.729	119	1000672	53.580	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	532972	52.332	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	530347	50.292	ug/l	96
89) n-Butylbenzene	14.059	91	870802	52.582	ug/l	97
90) Hexachloroethane	14.335	117	184853	52.263	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	514131	52.450	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63934	45.535	ug/l	71
93) 1,2,4-Trichlorobenzene	15.394	180	301932	53.271	ug/l	97
94) Hexachlorobutadiene	15.506	225	115389	46.400	ug/l	97
95) Naphthalene	15.641	128	1017269	55.390	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	307341	53.910	ug/l	97

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

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