

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
 Data File : VN082176.D
 Acq On : 16 May 2024 20:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 17 05:09:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 04:08:43 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/17/2024
 Supervised By :Semsettin Yesilyurt 05/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154049	51.287	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.580%			
35) Dibromofluoromethane	8.165	113	104876	51.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.900%			
50) Toluene-d8	10.565	98	392775	50.750	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.847	95	141483	51.218	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	132346	48.256	ug/l	98
3) Chloromethane	2.365	50	148576	47.802	ug/l	98
4) Vinyl Chloride	2.518	62	143117	48.979	ug/l	99
5) Bromomethane	2.948	94	65927	39.253	ug/l	95
6) Chloroethane	3.118	64	94266	49.407	ug/l	99
7) Trichlorofluoromethane	3.500	101	188200	49.187	ug/l	100
8) Diethyl Ether	3.959	74	73368	53.826	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.377	101	104696	46.841	ug/l	99
10) Methyl Iodide	4.589	142	93024	41.400	ug/l	95
11) Tert butyl alcohol	5.518	59	125577	260.448	ug/l	99
12) 1,1-Dichloroethene	4.348	96	102775	49.471	ug/l #	79
13) Acrolein	4.177	56	98107	274.581	ug/l	97
14) Allyl chloride	5.024	41	216366	48.645	ug/l #	91
15) Acrylonitrile	5.718	53	331191	265.222	ug/l	99
16) Acetone	4.424	43	293578	238.262	ug/l	92
17) Carbon Disulfide	4.712	76	306813	45.726	ug/l	97
18) Methyl Acetate	5.024	43	157813	51.429	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	401416	52.862	ug/l	93
20) Methylene Chloride	5.277	84	123644	49.736	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	108815	48.065	ug/l #	74
22) Diisopropyl ether	6.671	45	486605	52.392	ug/l #	93
23) Vinyl Acetate	6.606	43	1997160	272.735	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	239316	49.991	ug/l	98
25) 2-Butanone	7.483	43	477345	255.516	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	186160	46.427	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	135953	50.885	ug/l	80
28) Bromochloromethane	7.812	49	106909	47.923	ug/l #	74
29) Tetrahydrofuran	7.841	42	323320	269.555	ug/l #	82
30) Chloroform	7.965	83	234736	51.348	ug/l	99
31) Cyclohexane	8.259	56	215167	44.851	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	202844	50.015	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	162831	48.095	ug/l	96
37) Ethyl Acetate	7.565	43	205357	54.200	ug/l #	94
38) Carbon Tetrachloride	8.365	117	169670	49.438	ug/l	99
39) Methylcyclohexane	9.600	83	183557	49.462	ug/l #	87
40) Benzene	8.606	78	513601	50.873	ug/l	97

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 Supervised By :Semsettin Yesilyurt 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	116395	52.235	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	200548	51.649	ug/l	95
43) Isopropyl Acetate	8.688	43	534794	79.658	ug/l #	77
44) Trichloroethene	9.353	130	109169	47.603	ug/l	94
45) 1,2-Dichloropropane	9.624	63	134077	51.472	ug/l	99
46) Dibromomethane	9.712	93	88662	51.844	ug/l	97
47) Bromodichloromethane	9.888	83	188795	52.293	ug/l #	98
48) Methyl methacrylate	9.682	41	169518	52.990	ug/l #	82
49) 1,4-Dioxane	9.694	88	49642	1107.399	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1045658	274.128	ug/l	89
52) Toluene	10.629	92	313134	51.684	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	197594	52.919	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	208199	52.677	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	116548	52.935	ug/l	99
56) Ethyl methacrylate	10.876	69	208926	55.891	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	210728	51.189	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	501755	260.232	ug/l	90
59) 2-Hexanone	11.194	43	768119	275.017	ug/l	89
60) Dibromochloromethane	11.359	129	134365	55.300	ug/l	98
61) 1,2-Dibromoethane	11.471	107	115960	51.277	ug/l	99
64) Tetrachloroethene	11.106	164	94386	43.274	ug/l	94
65) Chlorobenzene	11.894	112	324175	49.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	114192	53.328	ug/l	99
67) Ethyl Benzene	11.965	91	597120	51.347	ug/l	97
68) m/p-Xylenes	12.071	106	446076	104.661	ug/l	93
69) o-Xylene	12.400	106	215747	52.257	ug/l	92
70) Styrene	12.412	104	373508	54.466	ug/l	96
71) Bromoform	12.582	173	88698	57.674	ug/l #	98
73) Isopropylbenzene	12.694	105	556302	50.597	ug/l	98
74) N-amyl acetate	12.494	43	327533	54.157	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	166137	52.419	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	153651m	52.748	ug/l	
77) Bromobenzene	12.982	156	130507	49.808	ug/l	86
78) n-propylbenzene	13.035	91	671829	51.601	ug/l	96
79) 2-Chlorotoluene	13.123	91	404525	49.479	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	466813	52.508	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	62800	50.426	ug/l #	73
82) 4-Chlorotoluene	13.223	91	401567	50.237	ug/l	95
83) tert-Butylbenzene	13.441	119	399326	51.342	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	478042	52.557	ug/l	96
85) sec-Butylbenzene	13.617	105	558092	51.768	ug/l	98
86) p-Isopropyltoluene	13.729	119	464560	53.023	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	237944	50.125	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	237930	49.109	ug/l	98
89) n-Butylbenzene	14.059	91	408521	51.877	ug/l	98
90) Hexachloroethane	14.335	117	85065	52.403	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	230801	51.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35797	54.972	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	125772	49.935	ug/l	99
94) Hexachlorobutadiene	15.506	225	51443	46.546	ug/l	98
95) Naphthalene	15.641	128	426516	54.035	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	128652	51.023	ug/l	97

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

