

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
 Data File : VN084210.D
 Acq On : 27 Sep 2024 17:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2024
 Supervised By :Mahesh Dadoda 09/30/2024

Quant Time: Sep 28 01:01:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128064	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	106890	42.664	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.320%
35) Dibromofluoromethane	8.165	113	81084	42.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.940%
50) Toluene-d8	10.565	98	292678	44.345	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.700%
62) 4-Bromofluorobenzene	12.847	95	114015	41.871	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.740%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	67133	34.791	ug/l	96
3) Chloromethane	2.359	50	77112	38.717	ug/l	98
4) Vinyl Chloride	2.512	62	79350	37.517	ug/l	99
5) Bromomethane	2.948	94	48852	40.228	ug/l	94
6) Chloroethane	3.112	64	53211	35.866	ug/l	93
7) Trichlorofluoromethane	3.495	101	142210	39.611	ug/l	100
8) Diethyl Ether	3.959	74	55010	45.710	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	82583	43.398	ug/l	99
10) Methyl Iodide	4.595	142	100231	41.415	ug/l	97
11) Tert butyl alcohol	5.518	59	95662	285.139	ug/l	99
12) 1,1-Dichloroethene	4.342	96	76765	42.715	ug/l	92
13) Acrolein	4.177	56	87317	263.782	ug/l	97
14) Allyl chloride	5.024	41	131987	41.217	ug/l	98
15) Acrylonitrile	5.718	53	247167	270.905	ug/l	98
16) Acetone	4.424	43	214414	213.487	ug/l	100
17) Carbon Disulfide	4.712	76	168093	33.437	ug/l	100
18) Methyl Acetate	5.024	43	130469	62.824	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	309659	47.617	ug/l	100
20) Methylene Chloride	5.277	84	93870	45.673	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	79892	41.481	ug/l	88
22) Diisopropyl ether	6.671	45	331913	50.351	ug/l	99
23) Vinyl Acetate	6.606	43	1219245	252.570	ug/l	100
24) 1,1-Dichloroethane	6.571	63	173801	45.764	ug/l	99
25) 2-Butanone	7.483	43	343911	260.529	ug/l	100
26) 2,2-Dichloropropane	7.489	77	135257	38.673	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	104745	45.814	ug/l	99
28) Bromochloromethane	7.812	49	93765	58.628	ug/l	94
29) Tetrahydrofuran	7.841	42	224401	287.497	ug/l	96
30) Chloroform	7.965	83	183420	45.493	ug/l	100
31) Cyclohexane	8.253	56	133924	36.986	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	162702	43.887	ug/l	97
36) 1,1-Dichloropropene	8.371	75	117201	40.787	ug/l	98
37) Ethyl Acetate	7.559	43	136109	52.183	ug/l	97
38) Carbon Tetrachloride	8.365	117	136709	41.936	ug/l	97
39) Methylcyclohexane	9.600	83	123370	37.719	ug/l	96
40) Benzene	8.606	78	376654	43.549	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	79213	51.347	ug/l	97
42) 1,2-Dichloroethane	8.671	62	135442	41.909	ug/l	98
43) Isopropyl Acetate	8.688	43	286798	60.678	ug/l	94
44) Trichloroethene	9.353	130	84846	42.362	ug/l	93
45) 1,2-Dichloropropane	9.618	63	98845	47.285	ug/l	99
46) Dibromomethane	9.712	93	67644	46.199	ug/l	99
47) Bromodichloromethane	9.888	83	148890	46.987	ug/l	99
48) Methyl methacrylate	9.677	41	113457	50.594	ug/l	97
49) 1,4-Dioxane	9.694	88	40981	1110.893	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	726755	282.463	ug/l	99
52) Toluene	10.630	92	233825	44.199	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	147440	45.904	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	155202	46.001	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	93999	47.594	ug/l	97
56) Ethyl methacrylate	10.877	69	160513	52.824	ug/l	98
57) 1,3-Dichloropropane	11.165	76	162203	47.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	363676	332.156	ug/l	96
59) 2-Hexanone	11.194	43	534699	280.940	ug/l	99
60) Dibromochloromethane	11.359	129	110536	50.009	ug/l	100
61) 1,2-Dibromoethane	11.465	107	93368	47.402	ug/l	100
64) Tetrachloroethene	11.100	164	70506	40.814	ug/l	98
65) Chlorobenzene	11.888	112	256871	44.493	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	93554	46.743	ug/l	99
67) Ethyl Benzene	11.965	91	460385	44.889	ug/l	99
68) m/p-Xylenes	12.071	106	345849	90.830	ug/l	98
69) o-Xylene	12.400	106	169729	46.046	ug/l	97
70) Styrene	12.412	104	295937	48.920	ug/l	98
71) Bromoform	12.576	173	74325	55.108	ug/l #	99
73) Isopropylbenzene	12.694	105	435513	43.956	ug/l	100
74) N-amyl acetate	12.494	43	216687	51.260	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	141135	48.482	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	137260m	53.118	ug/l	
77) Bromobenzene	12.976	156	103187	43.266	ug/l	99
78) n-propylbenzene	13.035	91	517466	44.888	ug/l	100
79) 2-Chlorotoluene	13.124	91	320987	43.660	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	370863	44.397	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49361	50.029	ug/l	98
82) 4-Chlorotoluene	13.223	91	327437	44.382	ug/l	99
83) tert-Butylbenzene	13.435	119	327816	44.856	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	377225	44.956	ug/l	99
85) sec-Butylbenzene	13.618	105	444254	45.836	ug/l	100
86) p-Isopropyltoluene	13.729	119	368848	45.398	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	193292	42.945	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	190755	41.855	ug/l	100
89) n-Butylbenzene	14.053	91	316596	43.401	ug/l	100
90) Hexachloroethane	14.335	117	71337	43.679	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	191841	44.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30402	52.389	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	95036	40.771	ug/l	100
94) Hexachlorobutadiene	15.500	225	40725	41.139	ug/l	99
95) Naphthalene	15.641	128	345683	48.744	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	93859	42.132	ug/l	99

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

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