Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
Data File : VN075769.D
Acq On : 14 Dec 2022 14:39
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 15 00:26:57 2022
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

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121422

Manual Integrations APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	252295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	407200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	145054	52.848	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.700%			
35) Dibromofluoromethane	8.171	113	128808	51.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.160%			
50) Toluene-d8	10.571	98	467912	49.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.853	95	169300	54.214	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	79671	44.475	ug/l	99
3) Chloromethane	2.371	50	98514	44.225	ug/l	97
4) Vinyl Chloride	2.524	62	116033	43.669	ug/l	99
5) Bromomethane	2.936	94	107849	47.759	ug/l	97
6) Chloroethane	3.118	64	90309	45.896	ug/l	91
7) Trichlorofluoromethane	3.501	101	178700	44.321	ug/l	93
8) Diethyl Ether	3.971	74	78104	53.037	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	106857	46.413	ug/l	98
10) Methyl Iodide	4.601	142	179457	48.029	ug/l	100
11) Tert butyl alcohol	5.536	59	114956	295.991	ug/l	99
12) 1,1-Dichloroethene	4.348	96	101153	45.237	ug/l	97
13) Acrolein	4.189	56	140184	294.419	ug/l	100
14) Allyl chloride	5.030	41	142205	54.403	ug/l	98
15) Acrylonitrile	5.730	53	298698	281.828	ug/l	100
16) Acetone	4.436	43	265464	280.569	ug/l	98
17) Carbon Disulfide	4.718	76	240611	44.443	ug/l	99
18) Methyl Acetate	5.036	43	155894	55.741	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	410836	55.793	ug/l	94
20) Methylene Chloride	5.283	84	130081	51.412	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	114536	46.771	ug/l	98
22) Diisopropyl ether	6.683	45	336651	53.017	ug/l	97
23) Vinyl Acetate	6.612	43	1223757	286.327	ug/l	100
24) 1,1-Dichloroethane	6.577	63	205892	48.618	ug/l	100
25) 2-Butanone	7.489	43	389883	294.295	ug/l	96
26) 2,2-Dichloropropane	7.500	77	177156	49.398	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	146345	49.968	ug/l	98
28) Bromochloromethane	7.818	49	84479	45.513	ug/l	98
29) Tetrahydrofuran	7.842	42	242451	292.033	ug/l	100
30) Chloroform	7.971	83	230365	48.314	ug/l	96
31) Cyclohexane	8.265	56	170557	43.388	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	200512	47.434	ug/l	99
36) 1,1-Dichloropropene	8.377	75	160356	47.869	ug/l	99
37) Ethyl Acetate	7.565	43	152584	56.707	ug/l	96
38) Carbon Tetrachloride	8.365	117	177417	47.321	ug/l	99
39) Methylcyclohexane	9.606	83	207359	51.309	ug/l	97
40) Benzene	8.612	78	504127	48.776	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	82012	58.637	ug/l		98
42) 1,2-Dichloroethane	8.677	62	178929	52.073	ug/l		100
43) Isopropyl Acetate	8.694	43	261965	59.020	ug/l		98
44) Trichloroethene	9.353	130	135504	46.538	ug/l		99
45) 1,2-Dichloropropane	9.624	63	124608	49.544	ug/l		96
46) Dibromomethane	9.712	93	96292	51.619	ug/l		96
47) Bromodichloromethane	9.888	83	189597	51.828	ug/l		98
48) Methyl methacrylate	9.683	41	118967	59.510	ug/l		98
49) 1,4-Dioxane	9.700	88	63589	1293.853	ug/l		98
51) 4-Methyl-2-Pentanone	10.447	43	790462	294.477	ug/l		100
52) Toluene	10.630	92	335995	49.916	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	203048	56.702	ug/l		96
54) cis-1,3-Dichloropropene	10.312	75	216354	55.028	ug/l		98
55) 1,1,2-Trichloroethane	11.018	97	138887	52.568	ug/l		95
56) Ethyl methacrylate	10.877	69	209712	59.758	ug/l		98
57) 1,3-Dichloropropane	11.165	76	231908	53.512	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	326811	292.497	ug/l		99
59) 2-Hexanone	11.200	43	586737m	299.728	ug/l		
60) Dibromochloromethane	11.359	129	160846	54.743	ug/l		99
61) 1,2-Dibromoethane	11.471	107	148466	55.529	ug/l		100
64) Tetrachloroethene	11.106	164	120163	45.000	ug/l		99
65) Chlorobenzene	11.894	112	370297	47.543	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	143038	49.582	ug/l		99
67) Ethyl Benzene	11.965	91	652565	49.643	ug/l		97
68) m/p-Xylenes	12.077	106	526475	101.189	ug/l		98
69) o-Xylene	12.400	106	258288	50.165	ug/l		98
70) Styrene	12.412	104	430462	52.581	ug/l		99
71) Bromoform	12.582	173	118861	56.622	ug/l	#	99
73) Isopropylbenzene	12.700	105	655454	47.683	ug/l		100
74) N-amyl acetate	12.500	43	232250	57.592	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.941	83	214747	50.535	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	158789m	41.412	ug/l		
77) Bromobenzene	12.982	156	169685	48.777	ug/l		99
78) n-propylbenzene	13.041	91	754792	49.784	ug/l		100
79) 2-Chlorotoluene	13.129	91	455624	48.142	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	572351	49.749	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	62777	58.932	ug/l		98
82) 4-Chlorotoluene	13.129	91	455624	48.142	ug/l		100
83) tert-Butylbenzene	13.441	119	497044	49.001	ug/l		100
84) 1,2,4-Trimethylbenzene	13.482	105	580234	50.839	ug/l		99
85) sec-Butylbenzene	13.618	105	698614	49.899	ug/l		99
86) p-Isopropyltoluene	13.729	119	609874	52.351	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	318834	49.616	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	315676	48.087	ug/l		100
89) n-Butylbenzene	14.059	91	502637	53.258	ug/l		99
90) Hexachloroethane	14.335	117	105272	50.517	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	317792	50.207	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38839	51.509	ug/l		99
93) 1,2,4-Trichlorobenzene	15.394	180	168555	53.788	ug/l		99
94) Hexachlorobutadiene	15.506	225	81481	47.658	ug/l		99
95) Naphthalene	15.641	128	534453	51.555	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	164420	56.137	ug/l		98

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

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