Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012921\
Data File : BN013534.D
Acq On : 29 Jan 2021 12:06
Operator : CG/JU
Sample : SSTD02052
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02052

Manual Integrations APPROVED
mohammad
2/1/2021 11:50:19 AM

Quant Time: Jan 29 12:44:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 12:41:56 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	363535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1519635	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	899911	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1843383	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1847528	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1843128	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	65535	7.59	ng/uL	0.00
5) Phenol-d5	6.74	99	522256	16.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	311115	16.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	444861	16.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	423397	16.89	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	202880	15.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	213062	15.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	421326	16.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	577188	19.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	1215183	17.01	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	1616623	17.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	224392	16.76	ng/ul	0.00
58) Fluorene-d10	15.19	176	1053023	17.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	180674	14.24	ng/ul	0.00
71) Anthracene-d10	17.04	188	1610698	16.97	ng/ul	0.00
79) Pyrene-d10	19.34	212	1718654	15.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1795700	17.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	65792	7.386	ng/uL	100
4) Benzaldehyde	6.71	77	325670	21.182	ng/ul	100
6) Phenol	6.76	94	561390	18.178	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.99	93	443754	17.613	ng/ul	100
10) 2-Chlorophenol	7.13	128	473271	17.441	ng/ul	100
11) 2-Methylphenol	8.00	108	419831	17.834	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.09	45	651146	15.199	ng/ul	100
14) Acetophenone	8.37	105	690963	18.626	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.36	70	317884	16.891	ng/ul	100
16) 4-Methylphenol	8.32	108	458748	18.309	ng/ul	100
17) Hexachloroethane	8.62	117	184340	15.411	ng/ul	100
20) Nitrobenzene	8.74	77	479695	15.417	ng/ul	100
21) Isophorone	9.26	82	844774	15.603	ng/ul	100
23) 2-Nitrophenol	9.45	139	249320	16.567	ng/ul	100
24) 2,4-Dimethylphenol	9.51	107	496728	17.177	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.75	93	585316	16.898	ng/ul	100
27) 2,4-Dichlorophenol	9.97	162	431006	17.361	ng/ul	100
28) Naphthalene	10.37	128	1546061	17.666	ng/ul	100
30) 4-Chloroaniline	10.48	127	595516	20.587	ng/ul	100
31) Hexachlorobutadiene	10.66	225	259981	16.027	ng/ul	100
32) Caprolactam	11.23	113	115579m	16.056	ng/ul	
33) 4-Chloro-3-methylphenol	11.61	107	440565	17.448	ng/ul	100
34) 2-Methylnaphthalene	11.99	142	1082186	18.643	ng/ul	100

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35) 1-Methylnaphthalene	12.21	142	1045236	15.433	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	507328	16.343	ng/ul	100
38) Hexachlorocyclopentadiene	12.35	237	302527	16.914	ng/ul	100
39) 2,4,6-Trichlorophenol	12.61	196	308999	15.633	ng/ul	100
40) 2,4,5-Trichlorophenol	12.68	196	351046	16.712	ng/ul	100
41) 1,1'-Biphenyl	13.02	154	1349053	17.159	ng/ul	100
42) 2-Chloronaphthalene	13.06	162	1074036	17.452	ng/ul	100
43) 2-Nitroaniline	13.26	65	256612	14.563	ng/ul	100
45) Dimethylphthalate	13.66	163	1255612	17.335	ng/ul	100
46) 2,6-Dinitrotoluene	13.77	165	241776	16.314	ng/ul	100
48) Acenaphthylene	13.91	152	1575068	17.242	ng/ul	100
49) 3-Nitroaniline	14.10	138	257360	19.090	ng/ul	100
50) Acenaphthene	14.26	153	1118582	17.230	ng/ul	100
51) 2,4-Dinitrophenol	14.30	184	111404	12.721	ng/ul	100
53) 4-Nitrophenol	14.41	109	170889	16.638	ng/ul	100
54) Dibenzofuran	14.59	168	1564936	17.965	ng/ul	100
55) 2,4-Dinitrotoluene	14.56	165	359934	17.590	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.83	232	275244	16.020	ng/ul	100
57) Diethylphthalate	15.03	149	1230165	16.607	ng/ul	100
59) Fluorene	15.25	166	1266399	17.670	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.25	204	607650	17.252	ng/ul	100
61) 4-Nitroaniline	15.27	138	282027	21.337	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.33	198	195026	14.626	ng/ul	100
65) N-Nitrosodiphenylamine	15.46	169	1072930	17.155	ng/ul	100
66) 4-Bromophenyl-phenylether	16.15	248	350863	15.946	ng/ul	100
67) Hexachlorobenzene	16.25	284	402842	16.003	ng/ul	100
68) Atrazine	16.42	200	353934	16.280	ng/ul	100
69) Pentachlorophenol	16.59	266	214362	14.631	ng/ul	100
70) Phenanthrene	16.99	178	1952070	17.150	ng/ul	100
72) Anthracene	17.07	178	2000927	17.222	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.98	216	513016	16.115	ng/uL	100
74) Pentachlorobenzene	14.52	250	492992	16.501	ng/uL	100
75) Carbazole	17.35	167	1759581	17.819	ng/ul	100
76) Di-n-butylphthalate	17.93	149	2004667	15.162	ng/ul	100
77) Fluoranthene	19.01	202	2133574	17.227	ng/ul	100
80) Pyrene	19.37	202	2293359	16.045	ng/ul	100
81) Butylbenzylphthalate	20.30	149	837664	13.086	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.07	252	657562	15.966	ng/ul	100
83) Benzo(a)anthracene	21.13	228	2194859	17.094	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	1356912	14.129	ng/ul	100
85) Chrysene	21.18	228	2128132	17.094	ng/ul	100
87) Di-n-octyl phthalate	21.94	149	2159554	13.962	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	2195208	17.593	ng/ul	100
89) Benzo(k)fluoranthene	22.71	252	2238667	18.325	ng/ul	100
91) Benzo(a)pyrene	23.22	252	1968466	17.087	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.47	276	2563453	18.253	ng/ul	100
93) Dibenzo(a,h)anthracene	25.48	278	2105732	17.791	ng/ul	100
94) Benzo(g,h,i)perylene	26.12	276	2090472	17.841	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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