Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010721\
Data File : BF122932.D
Acq On : 7 Jan 2021 18:47
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
1/8/2021 4:40:42 PM

Quant Time: Jan 08 00:23:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 17:57:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	209301	20.00	ng		0.00
21) Naphthalene-d8	8.210	136	749416	20.00	ng		0.00
39) Acenaphthene-d10	9.969	164	407129	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	743499	20.00	ng		0.00
76) Chrysene-d12	14.110	240	521963	20.00	ng		0.00
86) Perylene-d12	15.592	264	446272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1780615	135.59	ng		0.00
7) Phenol-d6	6.551	99	2487218	147.10	ng		0.01
23) Nitrobenzene-d5	7.492	82	2125385	145.78	ng		0.01
42) 2,4,6-Tribromophenol	10.763	330	658855	126.59	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng		
79) Terphenyl-d14	13.057	244	3749414	122.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	447678	74.25	ng		95
3) Pyridine	3.499	79	1223667	81.29	ng		97
4) n-Nitrosodimethylamine	3.475	42	513818	86.86	ng		98
6) Aniline	6.587	93	1581795	81.86	ng		98
8) 2-Chlorophenol	6.710	128	989983	69.45	ng		97
10) Phenol	6.569	94	1250889m	72.13	ng		
11) bis(2-Chloroethyl)ether	6.663	93	998601	76.58	ng		96
12) 1,3-Dichlorobenzene	6.863	146	1125674	66.02	ng		97
13) 1,4-Dichlorobenzene	6.940	146	1126170	65.81	ng		98
14) 1,2-Dichlorobenzene	7.098	146	1021493	63.86	ng		98
15) Benzyl Alcohol	7.063	79	900934	79.61	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1528715	91.78	ng		97
17) 2-Methylphenol	7.169	107	851512	74.66	ng		98
18) Hexachloroethane	7.439	117	424868	69.20	ng		98
19) n-Nitroso-di-n-propyla...	7.351	70	767154	81.96	ng		99
20) 3+4-Methylphenols	7.328	107	1009099	71.17	ng	#	84
22) Acetophenone	7.340	105	1323674	71.56	ng	#	94
24) Nitrobenzene	7.510	77	1067050	74.81	ng		98
25) Isophorone	7.751	82	1947744	80.85	ng		100
26) 2-Nitrophenol	7.822	139	507700	69.74	ng		97
27) 2,4-Dimethylphenol	7.857	122	826753	81.31	ng		95
28) bis(2-Chloroethoxy)met...	7.957	93	1288050	78.11	ng		98
29) 2,4-Dichlorophenol	8.063	162	866521	72.28	ng		96
30) 1,2,4-Trichlorobenzene	8.151	180	954114	69.13	ng		99
31) Naphthalene	8.234	128	2673660	65.38	ng		97
32) Benzoic acid	8.004	122	737208m	113.47	ng		
33) 4-Chloroaniline	8.275	127	1206542	71.21	ng		99
34) Hexachlorobutadiene	8.351	225	567541	66.36	ng		99
35) Caprolactam	8.675	113	291250m	80.80	ng		
36) 4-Chloro-3-methylphenol	8.757	107	869358	72.33	ng		97
37) 2-Methylnaphthalene	8.922	142	1857831	68.69	ng		99
38) 1-Methylnaphthalene	9.022	142	1767024	69.66	ng		97
40) 1,2,4,5-Tetrachloroben...	9.092	216	906413	67.93	ng		99
41) Hexachlorocyclopentadiene	9.081	237	494303	219.95	ng		97
43) 2,4,6-Trichlorophenol	9.198	196	664417	75.79	ng		96
44) 2,4,5-Trichlorophenol	9.233	196	664084	73.47	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.392	154	2118915	63.14	ng	98
47) 2-Chloronaphthalene	9.416	162	1775736	63.66	ng	98
48) 2-Nitroaniline	9.504	65	593545	75.10	ng	89
49) Acenaphthylene	9.833	152	2630792	64.67	ng	97
50) Dimethylphthalate	9.698	163	2083841	64.72	ng	98
51) 2,6-Dinitrotoluene	9.751	165	485436	70.35	ng	91
52) Acenaphthene	10.004	154	1733084	70.38	ng	99
53) 3-Nitroaniline	9.922	138	559360	70.85	ng	91
54) 2,4-Dinitrophenol	10.022	184	204268	80.04	ng	95
55) Dibenzofuran	10.181	168	2433814	66.44	ng	97
56) 4-Nitrophenol	10.069	139	424753	96.72	ng	89
57) 2,4-Dinitrotoluene	10.157	165	629359	69.94	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	562434	71.51	ng	97
60) Diethylphthalate	10.392	149	2028428	64.70	ng	96
61) 4-Chlorophenyl-phenyle...	10.510	204	926549	62.96	ng	95
62) 4-Nitroaniline	10.545	138	546886	66.16	ng	97
63) Azobenzene	10.675	77	1956762	70.83	ng	96
65) 4,6-Dinitro-2-methylph...	10.569	198	283642	66.55	ng	96
66) n-Nitrosodiphenylamine	10.633	169	1688122	66.16	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	638184	66.40	ng	94
68) Hexachlorobenzene	11.069	284	684531	63.81	ng	95
69) Atrazine	11.157	200	528300	64.93	ng	99
70) Pentachlorophenol	11.257	266	429927	101.68	ng	99
71) Phenanthrene	11.486	178	2743405	62.46	ng	96
72) Anthracene	11.539	178	2684472	61.27	ng	96
73) Carbazole	11.686	167	2559317	64.50	ng	98
74) Di-n-butylphthalate	12.022	149	2932185	59.57	ng	98
75) Fluoranthene	12.680	202	2828276	60.53	ng	98
78) Pyrene	12.910	202	2881404	75.85	ng	97
80) Butylbenzylphthalate	13.527	149	1286837	76.07	ng	97
81) Benzo(a)anthracene	14.098	228	2367420	66.90	ng	97
82) 3,3'-Dichlorobenzidine	14.063	252	752302	62.12	ng	99
83) Chrysene	14.139	228	2340358	68.36	ng	95
84) Bis(2-ethylhexyl)phtha...	14.086	149	1561784	66.22	ng	95
85) Di-n-octyl phthalate	14.710	149	2653862	68.16	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	2108554	71.99	ng	97
88) Benzo(b)fluoranthene	15.163	252	2348510	77.65	ng	99
89) Benzo(k)fluoranthene	15.198	252	1907406	66.60	ng	98
90) Benzo(a)pyrene	15.539	252	1947124	71.71	ng	96
91) Dibenzo(a,h)anthracene	17.139	278	1702029	70.53	ng	98
92) Benzo(g,h,i)perylene	17.580	276	1669626	72.17	ng	98

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

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