Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042721\
Data File : BF123747.D
Acq On : 27 Apr 2021 15:03
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
4/28/2021 11:00:00 AM

Quant Time: Apr 27 15:43:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 14:29:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	279209	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	994342	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	484776	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	940978	20.00	ng		0.00
76) Chrysene-d12	13.986	240	640999	20.00	ng		0.00
86) Perylene-d12	15.439	264	449630	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1854756	100.63	ng		0.00
7) Phenol-d6	6.457	99	2568688	100.93	ng		0.01
23) Nitrobenzene-d5	7.381	82	2470309	107.64	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	696162	109.18	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	3514826	107.82	ng		0.00
79) Terphenyl-d14	12.933	244	3816213	108.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	525432	52.99	ng		96
3) Pyridine	3.246	79	1315324	53.87	ng		96
4) n-Nitrosodimethylamine	3.216	42	731225	54.38	ng		96
6) Aniline	6.481	93	1497024	50.61	ng		98
8) 2-Chlorophenol	6.604	128	1014685	50.76	ng		96
9) Benzaldehyde	6.357	77	597406	48.81	ng		99
10) Phenol	6.469	94	1362864	47.81	ng		80
11) bis(2-Chloroethyl)ether	6.551	93	1039009	51.90	ng		99
12) 1,3-Dichlorobenzene	6.751	146	1017816	49.95	ng		99
13) 1,4-Dichlorobenzene	6.828	146	1039649	50.78	ng		100
14) 1,2-Dichlorobenzene	6.987	146	955962	47.99	ng		99
15) Benzyl Alcohol	6.957	79	1042251	51.64	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.093	45	2202829	51.75	ng		98
17) 2-Methylphenol	7.075	107	874370	50.87	ng		95
18) Hexachloroethane	7.328	117	418769	50.92	ng		96
19) n-Nitroso-di-n-propyla...	7.240	70	824785	51.23	ng		96
20) 3+4-Methylphenols	7.228	107	1036289	52.03	ng	#	84
22) Acetophenone	7.228	105	1467631	51.93	ng		93
24) Nitrobenzene	7.398	77	1288590	53.85	ng		94
25) Isophorone	7.640	82	2399318	55.13	ng		100
26) 2-Nitrophenol	7.716	139	543458	54.82	ng		94
27) 2,4-Dimethylphenol	7.757	122	814198	52.68	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	1196222	53.93	ng		99
29) 2,4-Dichlorophenol	7.963	162	811044	53.80	ng		96
30) 1,2,4-Trichlorobenzene	8.040	180	844719	53.26	ng		96
31) Naphthalene	8.122	128	2775677	51.65	ng		99
32) Benzoic acid	7.904	122	632191	65.66	ng		97
33) 4-Chloroaniline	8.169	127	1200423	53.04	ng		98
34) Hexachlorobutadiene	8.239	225	512364	52.71	ng		99
35) Caprolactam	8.563	113	295837m	55.44	ng		
36) 4-Chloro-3-methylphenol	8.657	107	1039058	54.75	ng		97
37) 2-Methylnaphthalene	8.810	142	1837562	52.42	ng		97
38) 1-Methylnaphthalene	8.910	142	1694993	51.13	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	783144	53.05	ng		99
41) Hexachlorocyclopentadiene	8.969	237	376721	65.92	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	577421	55.89	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	606743	55.05	ng		98
46) 1,1'-Biphenyl	9.281	154	2130139	52.13	ng		100
47) 2-Chloronaphthalene	9.304	162	1641479	52.90	ng		99
48) 2-Nitroaniline	9.398	65	757733	55.61	ng		96
49) Acenaphthylene	9.716	152	2627224	51.91	ng		98
50) Dimethylphthalate	9.586	163	1903630	53.62	ng		99
51) 2,6-Dinitrotoluene	9.645	165	453466	54.11	ng		89
52) Acenaphthene	9.892	154	1589428m	51.93	ng		
53) 3-Nitroaniline	9.816	138	538808	55.24	ng		97
54) 2,4-Dinitrophenol	9.916	184	270088	63.82	ng		93
55) Dibenzofuran	10.063	168	2370022	51.33	ng		99
56) 4-Nitrophenol	9.981	139	401437	55.04	ng		98
57) 2,4-Dinitrotoluene	10.045	165	610136	54.11	ng	#	84
58) Fluorene	10.404	166	1861982	52.32	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.181	232	493392	55.68	ng		98
60) Diethylphthalate	10.281	149	2021814	53.16	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	862669	52.32	ng		95
62) 4-Nitroaniline	10.433	138	539113	55.37	ng		96
63) Azobenzene	10.557	77	2315701	53.38	ng		97
65) 4,6-Dinitro-2-methylph...	10.457	198	367454	58.38	ng		97
66) n-Nitrosodiphenylamine	10.522	169	1684103	52.43	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	565825	53.61	ng		100
68) Hexachlorobenzene	10.951	284	635141	52.86	ng		96
69) Atrazine	11.045	200	525663	53.46	ng		99
70) Pentachlorophenol	11.145	266	355620	59.00	ng		98
71) Phenanthrene	11.369	178	2626363	50.54	ng		99
72) Anthracene	11.422	178	2662359	51.64	ng		99
73) Carbazole	11.575	167	2673029	51.02	ng		98
74) Di-n-butylphthalate	11.904	149	3083290	52.03	ng		99
75) Fluoranthene	12.557	202	2872650	50.69	ng		98
77) Benzidine	12.675	184	1014023	53.51	ng		99
78) Pyrene	12.786	202	2943449	56.17	ng		99
80) Butylbenzylphthalate	13.404	149	1314043	58.11	ng		100
81) Benzo(a)anthracene	13.974	228	2145022	52.46	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	646005	51.72	ng		98
83) Chrysene	14.016	228	2174077	52.91	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	1543068	55.03	ng		99
85) Di-n-octyl phthalate	14.580	149	2442520	54.17	ng		98
87) Indeno(1,2,3-cd)pyrene	16.892	276	1694625	61.68	ng		99
88) Benzo(b)fluoranthene	15.016	252	1814105	57.21	ng		99
89) Benzo(k)fluoranthene	15.051	252	1650387	54.75	ng		99
90) Benzo(a)pyrene	15.380	252	1518896	55.61	ng		99
91) Dibenzo(a,h)anthracene	16.910	278	1424001	61.69	ng		98
92) Benzo(g,h,i)perylene	17.333	276	1497384	65.08	ng		99

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

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