Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123813.D
Acq On : 4 May 2021 17:43
Operator : JU/CG
Sample : M2263-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1MS

Manual Integrations APPROVED
mohammad
5/5/2021 11:25:14 AM

Quant Time: May 04 18:21:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 04 12:58:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	239784	20.00	ng		0.00
21) Naphthalene-d8	8.086	136	927896	20.00	ng		0.00
39) Acenaphthene-d10	9.845	164	466244	20.00	ng		0.00
64) Phenanthrene-d10	11.327	188	923368	20.00	ng		0.00
76) Chrysene-d12	13.974	240	609856	20.00	ng		0.00
86) Perylene-d12	15.427	264	535501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1451667	95.91	ng		0.00
7) Phenol-d6	6.445	99	1893730	90.83	ng		0.00
23) Nitrobenzene-d5	7.369	82	1344471	65.41	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	584781	100.75	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2053535	64.14	ng		0.00
79) Terphenyl-d14	12.916	244	2227529	70.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	321817	39.47	ng		97
3) Pyridine	3.287	79	768056	38.54	ng		89
4) n-Nitrosodimethylamine	3.234	42	504900	46.00	ng		99
6) Aniline	6.463	93	688584	28.56	ng	#	34
8) 2-Chlorophenol	6.592	128	743994	45.70	ng		97
9) Benzaldehyde	6.351	77	638183	63.24	ng		97
10) Phenol	6.457	94	999163	44.61	ng		82
11) bis(2-Chloroethyl)ether	6.540	93	767411	46.93	ng		98
12) 1,3-Dichlorobenzene	6.739	146	732071	44.50	ng		98
13) 1,4-Dichlorobenzene	6.816	146	741666	44.56	ng		99
14) 1,2-Dichlorobenzene	6.969	146	713284	44.14	ng		97
15) Benzyl Alcohol	6.945	79	759582	46.47	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1647319	47.37	ng		98
17) 2-Methylphenol	7.063	107	630044	45.41	ng		96
18) Hexachloroethane	7.316	117	308846	46.88	ng		99
19) n-Nitroso-di-n-propyla...	7.222	70	576867	44.81	ng		98
20) 3+4-Methylphenols	7.216	107	781282	44.25	ng	#	87
22) Acetophenone	7.210	105	1123128	44.53	ng		97
24) Nitrobenzene	7.386	77	901785	42.12	ng		97
25) Isophorone	7.628	82	1628040	42.24	ng		98
26) 2-Nitrophenol	7.704	139	398911	45.65	ng		93
27) 2,4-Dimethylphenol	7.745	122	676722	49.30	ng		98
28) bis(2-Chloroethoxy)met...	7.839	93	954825	48.62	ng		99
29) 2,4-Dichlorophenol	7.951	162	597634	44.18	ng		96
30) 1,2,4-Trichlorobenzene	8.028	180	623258	43.97	ng		98
31) Naphthalene	8.110	128	2065591	43.23	ng		99
32) Benzoic acid	7.886	122	401165	43.17	ng		92
33) 4-Chloroaniline	8.157	127	186466	9.35	ng		93
34) Hexachlorobutadiene	8.228	225	379330	43.90	ng		100
35) Caprolactam	8.533	113	215338m	45.34	ng		
36) 4-Chloro-3-methylphenol	8.651	107	774798	45.91	ng		94
37) 2-Methylnaphthalene	8.804	142	1389135	44.61	ng		100
38) 1-Methylnaphthalene	8.898	142	1268145	43.33	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	603151	43.96	ng		99
41) Hexachlorocyclopentadiene	8.957	237	639890	106.79	ng		98
43) 2,4,6-Trichlorophenol	9.081	196	425992	45.07	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	448580	44.24	ng		94
46) 1,1'-Biphenyl	9.269	154	1690083	44.25	ng		98
47) 2-Chloronaphthalene	9.292	162	1247751	43.32	ng		99
48) 2-Nitroaniline	9.386	65	552740	43.57	ng		94
49) Acenaphthylene	9.710	152	2052586	44.15	ng		99
50) Dimethylphthalate	9.569	163	1551070	47.23	ng		99
51) 2,6-Dinitrotoluene	9.633	165	341376	44.96	ng	#	83
52) Acenaphthene	9.880	154	1243605	43.91	ng		99
53) 3-Nitroaniline	9.798	138	181287	19.99	ng		96
54) 2,4-Dinitrophenol	9.910	184	362550	89.91	ng		96
55) Dibenzofuran	10.051	168	1818761	42.46	ng		99
56) 4-Nitrophenol	9.980	139	579336	87.72	ng		94
57) 2,4-Dinitrotoluene	10.039	165	455097	43.97	ng		94
58) Fluorene	10.392	166	1446193	43.93	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	370802	46.18	ng		96
60) Diethylphthalate	10.269	149	1637140	46.84	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	693695	45.21	ng		95
62) 4-Nitroaniline	10.422	138	390325	43.44	ng		96
63) Azobenzene	10.545	77	1744624	43.42	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	234168	40.93	ng		95
66) n-Nitrosodiphenylamine	10.504	169	1305134	43.21	ng		98
67) 4-Bromophenyl-phenylether	10.875	248	441433	45.40	ng		98
68) Hexachlorobenzene	10.945	284	497321	44.93	ng		93
69) Atrazine	11.039	200	423397	46.37	ng		99
70) Pentachlorophenol	11.139	266	508255	90.10	ng		96
71) Phenanthrene	11.357	178	2062270	42.58	ng		99
72) Anthracene	11.410	178	2110170	43.82	ng		100
73) Carbazole	11.563	167	2005830	41.21	ng		99
74) Di-n-butylphthalate	11.898	149	2606487	47.70	ng		98
75) Fluoranthene	12.545	202	2223650	42.10	ng		99
77) Benzidine	12.669	184	1211592	76.72	ng		98
78) Pyrene	12.774	202	2200249	46.48	ng		99
80) Butylbenzylphthalate	13.398	149	1075410	53.18	ng		91
81) Benzo(a)anthracene	13.963	228	1550411	41.95	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	290920	25.63	ng		99
83) Chrysene	14.004	228	1614285	43.42	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	1364034	54.29	ng		100
85) Di-n-octyl phthalate	14.568	149	2235595	55.65	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1703770	54.63	ng		98
88) Benzo(b)fluoranthene	15.010	252	1497991	41.51	ng		98
89) Benzo(k)fluoranthene	15.039	252	1385309	40.22	ng		99
90) Benzo(a)pyrene	15.368	252	1383461	44.83	ng		96
91) Dibenzo(a,h)anthracene	16.892	278	1428026	54.23	ng		99
92) Benzo(g,h,i)perylene	17.315	276	1464869	55.55	ng		96

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

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