Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122383.D
Acq On : 19 Nov 2020 16:33
Operator : JU/CG
Sample : L4804-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-012-ABCDMSD

Manual Integrations APPROVED
mohammad
11/24/2020 8:54:07 AM

Quant Time: Nov 20 00:02:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	228266	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	890189	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	491939	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	940345	20.00	ng		0.00
76) Chrysene-d12	14.033	240	853239	20.00	ng		0.00
86) Perylene-d12	15.498	264	872148	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1442366	97.03	ng		0.00
7) Phenol-d6	6.492	99	1848108	95.03	ng		0.00
23) Nitrobenzene-d5	7.428	82	1152401	79.25	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	591932	112.11	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	2098844	66.66	ng		0.00
79) Terphenyl-d14	12.974	244	2459763	61.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	276893	40.61	ng		88
3) Pyridine	3.416	79	779004	41.55	ng		90
4) n-Nitrosodimethylamine	3.369	42	345842	39.13	ng		93
6) Aniline	6.522	93	533474	20.91	ng		97
8) 2-Chlorophenol	6.651	128	746571	48.43	ng		88
9) Benzaldehyde	6.410	77	110490	7.55	ng		94
10) Phenol	6.504	94	972842	50.80	ng		77
11) bis(2-Chloroethyl)ether	6.598	93	692758	45.51	ng		95
12) 1,3-Dichlorobenzene	6.810	146	804187m	45.95	ng		
13) 1,4-Dichlorobenzene	6.881	146	813254	46.26	ng		99
14) 1,2-Dichlorobenzene	7.034	146	774899	47.23	ng		99
15) Benzyl Alcohol	7.004	79	635191	45.94	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	970575	43.75	ng		97
17) 2-Methylphenol	7.116	107	611076	47.49	ng		98
18) Hexachloroethane	7.381	117	285550	46.64	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	514753	44.29	ng		92
20) 3+4-Methylphenols	7.269	107	738953	46.67	ng	#	89
22) Acetophenone	7.275	105	945028	40.76	ng	#	88
24) Nitrobenzene	7.445	77	774863	46.58	ng		97
25) Isophorone	7.687	82	1389492	42.86	ng		97
26) 2-Nitrophenol	7.763	139	386400	52.72	ng		99
27) 2,4-Dimethylphenol	7.798	122	654570	42.81	ng		100
28) bis(2-Chloroethoxy)met...	7.898	93	886075	44.69	ng		99
29) 2,4-Dichlorophenol	8.004	162	656278	48.48	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	678027	45.38	ng		96
31) Naphthalene	8.175	128	2076620	43.88	ng		99
32) Benzoic acid	7.881	122	125913m	20.37	ng		
33) 4-Chloroaniline	8.216	127	242278	11.75	ng		95
34) Hexachlorobutadiene	8.292	225	399352	46.50	ng		99
35) Caprolactam	8.586	113	196126m	45.71	ng		
36) 4-Chloro-3-methylphenol	8.698	107	677606	47.99	ng		97
37) 2-Methylnaphthalene	8.863	142	1428503	45.69	ng		99
38) 1-Methylnaphthalene	8.963	142	1320951	45.13	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	655995	43.27	ng		99
41) Hexachlorocyclopentadiene	9.022	237	779595	87.96	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	476034	48.35	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	512701	49.68	ng		98
46) 1,1'-Biphenyl	9.328	154	1696493	43.32	ng		99
47) 2-Chloronaphthalene	9.351	162	1366833	43.98	ng		99
48) 2-Nitroaniline	9.445	65	414595	45.13	ng		94
49) Acenaphthylene	9.769	152	2123847	44.46	ng		99
50) Dimethylphthalate	9.633	163	1711843	48.96	ng		100
51) 2,6-Dinitrotoluene	9.686	165	383057	49.13	ng		89
52) Acenaphthene	9.939	154	1386107	46.88	ng		99
53) 3-Nitroaniline	9.851	138	200155	24.47	ng		95
54) 2,4-Dinitrophenol	9.963	184	220644	72.47	ng		94
55) Dibenzofuran	10.116	168	1946626	44.94	ng		98
56) 4-Nitrophenol	10.016	139	639907	83.64	ng		97
57) 2,4-Dinitrotoluene	10.092	165	511524	51.76	ng	#	88
58) Fluorene	10.457	166	1473388	44.42	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	431601	50.29	ng		97
60) Diethylphthalate	10.333	149	1580797	46.08	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	725970	46.36	ng		97
62) 4-Nitroaniline	10.475	138	396465	45.88	ng		96
63) Azobenzene	10.610	77	1548329	43.02	ng		93
65) 4,6-Dinitro-2-methylph...	10.498	198	204656	49.93	ng		97
66) n-Nitrosodiphenylamine	10.569	169	1374366	42.90	ng		95
67) 4-Bromophenyl-phenylether	10.939	248	503337	45.55	ng		96
68) Hexachlorobenzene	11.004	284	555385	46.52	ng		96
69) Atrazine	11.092	200	402832	50.49	ng		98
70) Pentachlorophenol	11.198	266	581613	84.56	ng		99
71) Phenanthrene	11.416	178	2280180	42.74	ng		98
72) Anthracene	11.469	178	2362111	42.96	ng		98
73) Carbazole	11.622	167	2174294	43.47	ng		99
74) Di-n-butylphthalate	11.957	149	2425141	45.48	ng		99
75) Fluoranthene	12.604	202	2520089	45.24	ng		99
77) Benzidine	12.722	184	918785	38.82	ng		99
78) Pyrene	12.833	202	2576312	42.98	ng		99
80) Butylbenzylphthalate	13.457	149	1114869	46.49	ng		92
81) Benzo(a)anthracene	14.021	228	2287972	43.12	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	438212	22.16	ng		99
83) Chrysene	14.063	228	2367442	44.29	ng		98
84) Bis(2-ethylhexyl)phtha...	14.016	149	1391885	48.16	ng		97
85) Di-n-octyl phthalate	14.627	149	2531443	51.68	ng		97
87) Indeno(1,2,3-cd)pyrene	16.974	276	2526764	48.28	ng		100
88) Benzo(b)fluoranthene	15.074	252	2663413	47.15	ng		100
89) Benzo(k)fluoranthene	15.110	252	2183452	39.64	ng		100
90) Benzo(a)pyrene	15.445	252	2186194	44.40	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	2066037	47.13	ng		98
92) Benzo(g,h,i)perylene	17.421	276	2140998	50.23	ng		98

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

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