Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
Data File : BF121482.D
Acq On : 31 Aug 2020 17:30
Operator : JU/CG
Sample : L3833-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
12018MSD

Manual Integrations APPROVED
mohammad
9/2/2020 1:55:56 PM

Quant Time: Aug 31 18:11:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	358639	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1378171	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	712475	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1281975	20.00	ng		0.00
76) Chrysene-d12	14.03	240	758008	20.00	ng		0.00
86) Perylene-d12	15.50	264	812789	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	2379467	111.31	ng		0.01
7) Phenol-d6	6.50	99	3208864	107.42	ng		0.00
23) Nitrobenzene-d5	7.43	82	2118794	105.10	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	960507	133.47	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	3553918	80.48	ng		0.00
79) Terphenyl-d14	12.97	244	3243035	90.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	374547	36.741	ng		98
3) Pyridine	3.46	79	903752	32.555	ng		98
4) n-Nitrosodimethylamine	3.42	42	476680	38.845	ng		89
6) Aniline	6.52	93	1093454	30.850	ng		99
8) 2-Chlorophenol	6.65	128	1037003	47.799	ng		98
9) Benzaldehyde	6.41	77	599900	41.179	ng		99
10) Phenol	6.51	94	1288774	44.102	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	1000685	42.147	ng		98
12) 1,3-Dichlorobenzene	6.80	146	1038046	39.738	ng		100
13) 1,4-Dichlorobenzene	6.88	146	1049424	40.087	ng		100
14) 1,2-Dichlorobenzene	7.03	146	1018868	41.798	ng		98
15) Benzyl Alcohol	7.00	79	871972	44.473	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1409781	40.081	ng		99
17) 2-Methylphenol	7.12	107	826876	43.805	ng		100
18) Hexachloroethane	7.37	117	383526	42.807	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	705405	42.255	ng		98
20) 3+4-Methylphenols	7.27	107	969080	42.424	ng		98
22) Acetophenone	7.27	105	1311323	38.605	ng	#	96
24) Nitrobenzene	7.45	77	1052486	52.086	ng		96
25) Isophorone	7.69	82	1953539	43.085	ng		100
26) 2-Nitrophenol	7.76	139	525033	57.260	ng		99
27) 2,4-Dimethylphenol	7.80	122	942308	50.108	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	1237387	40.133	ng		99
29) 2,4-Dichlorophenol	8.00	162	850572	45.808	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	894004	39.303	ng		100
31) Naphthalene	8.17	128	2733886	39.957	ng		99
32) Benzoic acid	7.93	122	642545	52.242	ng		96
33) 4-Chloroaniline	8.21	127	474023	15.555	ng		99
34) Hexachlorobutadiene	8.29	225	525998	38.885	ng		99
35) Caprolactam	8.60	113	273419m	45.148	ng		
36) 4-Chloro-3-methylphenol	8.70	107	870244	44.451	ng		99
37) 2-Methylnaphthalene	8.86	142	1876783	41.401	ng		100
38) 1-Methylnaphthalene	8.96	142	1775058	41.468	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	867754	41.087	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	773081	87.044	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	614325	46.020	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	639293	48.431	ng		99
46) 1,1'-Biphenyl	9.33	154	2228609	41.452	ng		98
47) 2-Chloronaphthalene	9.35	162	1699167	38.451	ng		99
48) 2-Nitroaniline	9.45	65	555572	45.236	ng		92
49) Acenaphthylene	9.77	152	2745206	41.415	ng		99
50) Dimethylphthalate	9.63	163	2200593	44.965	ng		99
51) 2,6-Dinitrotoluene	9.69	165	463075	50.154	ng		97
52) Acenaphthene	9.94	154	1784124	42.626	ng		99
53) 3-Nitroaniline	9.85	138	279731	26.670	ng	#	95
54) 2,4-Dinitrophenol	9.96	184	282233	72.435	ng		92
55) Dibenzofuran	10.11	168	2455522	40.387	ng		98
56) 4-Nitrophenol	10.02	139	796391	83.859	ng		95
57) 2,4-Dinitrotoluene	10.09	165	604387	52.688	ng		86
58) Fluorene	10.45	166	1817742	39.660	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	540220	49.156	ng		99
60) Diethylphthalate	10.33	149	2053148	41.757	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	914946	39.843	ng		96
62) 4-Nitroaniline	10.47	138	438244	37.718	ng		97
63) Azobenzene	10.60	77	1953568	40.177	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	208360	52.866	ng		85
66) n-Nitrosodiphenylamine	10.56	169	1711942	42.222	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	600304	42.566	ng		97
68) Hexachlorobenzene	11.00	284	671026	40.689	ng		98
69) Atrazine	11.09	200	487760	41.480	ng		99
70) Pentachlorophenol	11.19	266	766339	101.715	ng		97
71) Phenanthrene	11.42	178	3105114	47.198	ng		98
72) Anthracene	11.46	178	2752937	42.546	ng		100
73) Carbazole	11.62	167	2493755	39.967	ng		100
74) Di-n-butylphthalate	11.95	149	3021631	43.592	ng		99
75) Fluoranthene	12.60	202	3861563	54.463	ng		98
77) Benzidine	12.72	184	1045891	63.266	ng		99
78) Pyrene	12.83	202	3629387	67.043	ng		98
80) Butylbenzylphthalate	13.45	149	1176981	56.434	ng		98
81) Benzo(a)anthracene	14.02	228	2368012	51.175	ng		98
82) 3,3'-Dichlorobenzidine	13.98	252	666601	39.331	ng		99
83) Chrysene	14.06	228	2451176	52.948	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1539973	57.171	ng		99
85) Di-n-octyl phthalate	14.62	149	2510606	54.998	ng		99
87) Indeno(1,2,3-cd)pyrene	16.97	276	2583487	51.660	ng		99
88) Benzo(b)fluoranthene	15.07	252	2788077	52.733	ng		99
89) Benzo(k)fluoranthene	15.10	252	2060492	41.899	ng		99
90) Benzo(a)pyrene	15.44	252	2226105	46.824	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1830567	44.717	ng		99
92) Benzo(g,h,i)perylene	17.42	276	2221474	56.334	ng		98

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

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