Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122519.D
Acq On : 1 Dec 2020 13:15
Operator : JU/CG
Sample : PB133309BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133309BS

Manual Integrations APPROVED
mohammad
12/2/2020 12:40:56 PM

Quant Time: Dec 01 13:49:46 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 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	250005	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	1015019	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	557489	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1044492	20.00	ng		0.00
76) Chrysene-d12	14.039	240	847132	20.00	ng		0.00
86) Perylene-d12	15.510	264	799999	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1787384	109.78	ng		0.02
7) Phenol-d6	6.504	99	2324188	109.12	ng		0.00
23) Nitrobenzene-d5	7.428	82	1491646	89.97	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	800126	133.72	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	2650767	74.29	ng		0.00
79) Terphenyl-d14	12.980	244	3046730	76.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	236678	31.70	ng		88
3) Pyridine	3.469	79	712285	34.69	ng		89
4) n-Nitrosodimethylamine	3.428	42	332666	34.36	ng		87
6) Aniline	6.522	93	870060	31.13	ng	#	91
8) 2-Chlorophenol	6.645	128	775350	45.92	ng		91
9) Benzaldehyde	6.410	77	576040	60.50	ng		96
10) Phenol	6.516	94	892470	42.55	ng		97
11) bis(2-Chloroethyl)ether	6.598	93	711585	42.68	ng		92
12) 1,3-Dichlorobenzene	6.804	146	798552	41.66	ng		95
13) 1,4-Dichlorobenzene	6.875	146	807693	41.94	ng		99
14) 1,2-Dichlorobenzene	7.028	146	776542	43.21	ng		98
15) Benzyl Alcohol	7.004	79	634134	41.87	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	939377	38.66	ng		91
17) 2-Methylphenol	7.122	107	641479	45.52	ng		98
18) Hexachloroethane	7.375	117	284561	42.43	ng		91
19) n-Nitroso-di-n-propyla...	7.281	70	511299	40.17	ng		92
20) 3+4-Methylphenols	7.275	107	720409	41.54	ng		93
22) Acetophenone	7.275	105	960752	36.34	ng		94
24) Nitrobenzene	7.445	77	781243	41.18	ng		95
25) Isophorone	7.686	82	1435421	38.83	ng		96
26) 2-Nitrophenol	7.763	139	405165	49.03	ng		95
27) 2,4-Dimethylphenol	7.798	122	674578	38.69	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	906404	40.09	ng		100
29) 2,4-Dichlorophenol	8.004	162	665868	43.14	ng		97
30) 1,2,4-Trichlorobenzene	8.086	180	693896	40.73	ng		97
31) Naphthalene	8.169	128	2113742	39.17	ng		98
32) Benzoic acid	7.945	122	413527	43.70	ng		96
33) 4-Chloroaniline	8.216	127	574039	24.43	ng	#	94
34) Hexachlorobutadiene	8.286	225	411606	42.04	ng		98
35) Caprolactam	8.598	113	219787m	44.92	ng		
36) 4-Chloro-3-methylphenol	8.704	107	701021	43.54	ng		96
37) 2-Methylnaphthalene	8.863	142	1446989	40.59	ng		99
38) 1-Methylnaphthalene	8.963	142	1345955	40.33	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	670724	39.04	ng		99
41) Hexachlorocyclopentadiene	9.016	237	739085	73.58	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	489157	43.84	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	529296	45.26	ng		99
46) 1,1'-Biphenyl	9.328	154	1715240	38.65	ng		98
47) 2-Chloronaphthalene	9.351	162	1397032	39.67	ng		98
48) 2-Nitroaniline	9.445	65	436882	42.32	ng		91
49) Acenaphthylene	9.769	152	2139860	39.53	ng		98
50) Dimethylphthalate	9.633	163	1720133	43.41	ng		100
51) 2,6-Dinitrotoluene	9.692	165	394168	44.96	ng	#	82
52) Acenaphthene	9.939	154	1484432m	44.30	ng		
53) 3-Nitroaniline	9.857	138	270328	28.48	ng		96
54) 2,4-Dinitrophenol	9.969	184	354405	89.00	ng		93
55) Dibenzofuran	10.110	168	1957209	39.87	ng		99
56) 4-Nitrophenol	10.033	139	629757	73.35	ng		96
57) 2,4-Dinitrotoluene	10.098	165	529183	47.66	ng		89
58) Fluorene	10.457	166	1510439	40.18	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	468783	48.20	ng		96
60) Diethylphthalate	10.328	149	1676921	43.14	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	732660	41.29	ng		97
62) 4-Nitroaniline	10.480	138	410019	42.17	ng		98
63) Azobenzene	10.604	77	1569410	38.48	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	254211	53.75	ng		84
66) n-Nitrosodiphenylamine	10.569	169	1423553	40.00	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	524152	42.70	ng		98
68) Hexachlorobenzene	11.004	284	576430	43.47	ng		96
69) Atrazine	11.092	200	431910	48.73	ng		98
70) Pentachlorophenol	11.204	266	660320	86.43	ng		98
71) Phenanthrene	11.422	178	2319403	39.14	ng		99
72) Anthracene	11.469	178	2389972	39.13	ng		99
73) Carbazole	11.622	167	2199810	39.59	ng		99
74) Di-n-butylphthalate	11.951	149	2512625	42.42	ng		99
75) Fluoranthene	12.610	202	2473048	39.97	ng		97
77) Benzidine	12.727	184	1464953	62.35	ng		99
78) Pyrene	12.839	202	2490557	41.85	ng		99
80) Butylbenzylphthalate	13.451	149	1106091	46.46	ng		98
81) Benzo(a)anthracene	14.027	228	2209580	41.94	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	707304	36.03	ng		99
83) Chrysene	14.068	228	2165349	40.81	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	1441513	50.23	ng	#	97
85) Di-n-octyl phthalate	14.627	149	2478651	50.97	ng		96
87) Indeno(1,2,3-cd)pyrene	16.986	276	2012284	41.92	ng		99
88) Benzo(b)fluoranthene	15.086	252	2333690	45.04	ng		99
89) Benzo(k)fluoranthene	15.115	252	1963056	38.86	ng		100
90) Benzo(a)pyrene	15.451	252	1887042	41.78	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	1666200	41.44	ng		99
92) Benzo(g,h,i)perylene	17.439	276	1620285	41.44	ng		98

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

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