Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122504.D
Acq On : 30 Nov 2020 13:28
Operator : JU/CG
Sample : PB133297BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133297BS

Manual Integrations APPROVED
mohammad
12/1/2020 10:42:40 AM

Quant Time: Nov 30 13:55:20 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	289559	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	1122722	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	620444	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1150051	20.00	ng		0.00
76) Chrysene-d12	14.039	240	933930	20.00	ng		0.00
86) Perylene-d12	15.504	264	825949	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	1687291	89.48	ng		0.01
7) Phenol-d6	6.498	99	2161186	87.61	ng		0.00
23) Nitrobenzene-d5	7.428	82	1390376	75.81	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	683051	102.57	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	2493065	62.78	ng		0.00
79) Terphenyl-d14	12.980	244	2702642	61.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	254201	29.39	ng		88
3) Pyridine	3.475	79	711026	29.89	ng		89
4) n-Nitrosodimethylamine	3.434	42	354399	31.61	ng		92
6) Aniline	6.522	93	772051	23.85	ng		99
8) 2-Chlorophenol	6.645	128	798157	40.81	ng		92
9) Benzaldehyde	6.404	77	125739	6.57	ng		97
10) Phenol	6.516	94	942008	38.78	ng		97
11) bis(2-Chloroethyl)ether	6.592	93	722050	37.39	ng		95
12) 1,3-Dichlorobenzene	6.798	146	811406	36.55	ng		98
13) 1,4-Dichlorobenzene	6.875	146	829741	37.20	ng		98
14) 1,2-Dichlorobenzene	7.028	146	800611	38.46	ng		98
15) Benzyl Alcohol	7.004	79	634113	36.15	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	962537	34.20	ng		93
17) 2-Methylphenol	7.116	107	657183	40.26	ng		99
18) Hexachloroethane	7.375	117	295499	38.05	ng		92
19) n-Nitroso-di-n-propyla...	7.281	70	523041	35.48	ng		91
20) 3+4-Methylphenols	7.269	107	739967	36.84	ng		95
22) Acetophenone	7.269	105	972994	33.27	ng	#	96
24) Nitrobenzene	7.445	77	816616	38.92	ng		94
25) Isophorone	7.686	82	1451135	35.49	ng		96
26) 2-Nitrophenol	7.757	139	420250	46.40	ng		98
27) 2,4-Dimethylphenol	7.798	122	667988	34.64	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	921997	36.87	ng		99
29) 2,4-Dichlorophenol	8.004	162	687549	40.27	ng		97
30) 1,2,4-Trichlorobenzene	8.086	180	714897	37.94	ng		96
31) Naphthalene	8.169	128	2151957	36.05	ng		98
32) Benzoic acid	7.939	122	469642	44.66	ng		99
33) 4-Chloroaniline	8.210	127	524549	20.18	ng		97
34) Hexachlorobutadiene	8.286	225	417692	38.57	ng		99
35) Caprolactam	8.598	113	217752m	40.24	ng		
36) 4-Chloro-3-methylphenol	8.704	107	718387	40.34	ng		96
37) 2-Methylnaphthalene	8.857	142	1483512	37.62	ng		99
38) 1-Methylnaphthalene	8.957	142	1408142	38.15	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	673719	35.24	ng		99
41) Hexachlorocyclopentadiene	9.016	237	766411	68.56	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	500487	40.31	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	533521	40.99	ng		97
46) 1,1'-Biphenyl	9.328	154	1749105	35.42	ng		98
47) 2-Chloronaphthalene	9.351	162	1417127	36.15	ng		98
48) 2-Nitroaniline	9.445	65	451629	39.68	ng		93
49) Acenaphthylene	9.769	152	2172525	36.06	ng		99
50) Dimethylphthalate	9.628	163	1727036	39.16	ng		99
51) 2,6-Dinitrotoluene	9.686	165	402122	41.53	ng		90
52) Acenaphthene	9.939	154	1346096	36.10	ng		99
53) 3-Nitroaniline	9.857	138	280784	26.81	ng		94
54) 2,4-Dinitrophenol	9.969	184	387513	88.09	ng		95
55) Dibenzofuran	10.110	168	1984633	36.33	ng		99
56) 4-Nitrophenol	10.028	139	653467	68.75	ng		92
57) 2,4-Dinitrotoluene	10.092	165	536154	43.81	ng		93
58) Fluorene	10.451	166	1500919	35.88	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	483986	44.71	ng		95
60) Diethylphthalate	10.327	149	1666852	38.53	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	725310	36.73	ng		96
62) 4-Nitroaniline	10.480	138	414351	38.60	ng		97
63) Azobenzene	10.604	77	1571748	34.63	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	277830	53.49	ng		95
66) n-Nitrosodiphenylamine	10.563	169	1414203	36.09	ng		94
67) 4-Bromophenyl-phenylether	10.933	248	524414	38.80	ng		98
68) Hexachlorobenzene	11.004	284	562859	38.55	ng		94
69) Atrazine	11.092	200	448827	45.99	ng		98
70) Pentachlorophenol	11.198	266	650432	77.32	ng		98
71) Phenanthrene	11.416	178	2284255	35.01	ng		98
72) Anthracene	11.469	178	2362766	35.13	ng		99
73) Carbazole	11.622	167	2170251	35.47	ng		99
74) Di-n-butylphthalate	11.951	149	2467481	37.83	ng		99
75) Fluoranthene	12.604	202	2474011	36.32	ng		98
77) Benzidine	12.721	184	755405	29.16	ng		99
78) Pyrene	12.833	202	2473235	37.69	ng		98
80) Butylbenzylphthalate	13.451	149	1090598	41.90	ng		97
81) Benzo(a)anthracene	14.027	228	2174652	37.44	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	655050	30.26	ng		99
83) Chrysene	14.063	228	2168693	37.07	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	1398979	44.22	ng	#	97
85) Di-n-octyl phthalate	14.627	149	2402611	44.81	ng		96
87) Indeno(1,2,3-cd)pyrene	16.980	276	2078476	41.94	ng		99
88) Benzo(b)fluoranthene	15.080	252	2217641	41.46	ng		100
89) Benzo(k)fluoranthene	15.110	252	2079942	39.88	ng		98
90) Benzo(a)pyrene	15.445	252	1934507	41.48	ng		98
91) Dibenzo(a,h)anthracene	16.998	278	1707212	41.13	ng		99
92) Benzo(g,h,i)perylene	17.427	276	1662480	41.18	ng		99

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

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