Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
Data File : BF122423.D
Acq On : 21 Nov 2020 16:12
Operator : JU/CG
Sample : PB133139BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133139BS

Manual Integrations APPROVED
mohammad
11/24/2020 9:02:19 AM

Quant Time: Nov 23 00:59:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	262742	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	992312	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	530509	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	977482	20.00	ng	0.00
76) Chrysene-d12	14.045	240	791078	20.00	ng	0.00
86) Perylene-d12	15.521	264	687583	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1446132	84.51	ng	0.01
7) Phenol-d6	6.504	99	1894335	84.63	ng	0.00
23) Nitrobenzene-d5	7.428	82	1065775	65.75	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	569178	99.96	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2007403	59.12	ng	0.00
79) Terphenyl-d14	12.986	244	2239900	59.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	328479	41.86	ng	88
3) Pyridine	3.493	79	716513	33.20	ng	89
4) n-Nitrosodimethylamine	3.451	42	304465	29.93	ng	85
6) Aniline	6.528	93	651454	22.18	ng	97
8) 2-Chlorophenol	6.651	128	653623	36.83	ng	93
9) Benzaldehyde	6.410	77	208727	13.93	ng	97
10) Phenol	6.516	94	794812	36.06	ng	87
11) bis(2-Chloroethyl)ether	6.598	93	611781	34.92	ng	95
12) 1,3-Dichlorobenzene	6.804	146	717961	35.64	ng	98
13) 1,4-Dichlorobenzene	6.881	146	726766	35.91	ng	98
14) 1,2-Dichlorobenzene	7.039	146	684875	36.26	ng	99
15) Benzyl Alcohol	7.010	79	565051	35.50	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	814326	31.89	ng	96
17) 2-Methylphenol	7.122	107	533971	36.05	ng	99
18) Hexachloroethane	7.381	117	254665	36.14	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	434608	32.49	ng	93
20) 3+4-Methylphenols	7.275	107	634519	34.81	ng	98
22) Acetophenone	7.275	105	839422	32.48	ng	94
24) Nitrobenzene	7.445	77	688429	37.12	ng	98
25) Isophorone	7.686	82	1201203	33.24	ng	98
26) 2-Nitrophenol	7.763	139	344347	43.51	ng	98
27) 2,4-Dimethylphenol	7.804	122	576930	33.85	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	756516	34.23	ng	99
29) 2,4-Dichlorophenol	8.010	162	562379	37.27	ng	95
30) 1,2,4-Trichlorobenzene	8.092	180	595835	35.78	ng	97
31) Naphthalene	8.175	128	1880060	35.64	ng	99
32) Benzoic acid	7.934	122	432163	46.17	ng	95
33) 4-Chloroaniline	8.222	127	440623	19.18	ng	96
34) Hexachlorobutadiene	8.292	225	349660	36.53	ng	98
35) Caprolactam	8.592	113	167556m	35.03	ng	
36) 4-Chloro-3-methylphenol	8.710	107	584377	37.13	ng	93
37) 2-Methylnaphthalene	8.869	142	1247624	35.80	ng	98
38) 1-Methylnaphthalene	8.969	142	1154397	35.38	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	576058	35.24	ng	99
41) Hexachlorocyclopentadiene	9.022	237	636991	66.64	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	415612	39.15	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	421292	37.85	ng		99
46) 1,1'-Biphenyl	9.333	154	1478365	35.01	ng		99
47) 2-Chloronaphthalene	9.357	162	1177557	35.13	ng		98
48) 2-Nitroaniline	9.451	65	354111	36.82	ng		90
49) Acenaphthylene	9.775	152	1798419	34.91	ng		99
50) Dimethylphthalate	9.633	163	1343366	35.62	ng		99
51) 2,6-Dinitrotoluene	9.692	165	315896	38.47	ng	#	85
52) Acenaphthene	9.945	154	1243464	39.00	ng		100
53) 3-Nitroaniline	9.863	138	218172	24.69	ng		89
54) 2,4-Dinitrophenol	9.969	184	281362	80.03	ng		97
55) Dibenzofuran	10.116	168	1642583	35.16	ng		100
56) 4-Nitrophenol	10.028	139	539869	66.61	ng		94
57) 2,4-Dinitrotoluene	10.098	165	421531	40.66	ng	#	85
58) Fluorene	10.463	166	1252941	35.03	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	368276	39.79	ng		97
60) Diethylphthalate	10.333	149	1276604	34.51	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	600661	35.57	ng		96
62) 4-Nitroaniline	10.480	138	315800	34.77	ng		98
63) Azobenzene	10.616	77	1251914	32.26	ng		92
65) 4,6-Dinitro-2-methylph...	10.504	198	198459	47.68	ng		94
66) n-Nitrosodiphenylamine	10.575	169	1141986	34.29	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	406798	35.42	ng		94
68) Hexachlorobenzene	11.010	284	450467	36.30	ng		96
69) Atrazine	11.098	200	309659	37.33	ng		98
70) Pentachlorophenol	11.204	266	537831	75.22	ng		98
71) Phenanthrene	11.427	178	1891791	34.11	ng		99
72) Anthracene	11.474	178	1917559	33.55	ng		99
73) Carbazole	11.633	167	1747880	33.61	ng		99
74) Di-n-butylphthalate	11.963	149	1878630	33.89	ng		100
75) Fluoranthene	12.616	202	1989991	34.37	ng		98
77) Benzidine	12.733	184	545982	24.88	ng		99
78) Pyrene	12.845	202	2003530	36.05	ng		99
80) Butylbenzylphthalate	13.463	149	796956	36.60	ng		98
81) Benzo(a)anthracene	14.033	228	1697515	34.50	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	516113	28.15	ng		99
83) Chrysene	14.074	228	1751012	35.34	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	982221	36.65	ng		98
85) Di-n-octyl phthalate	14.645	149	1725532	37.99	ng		96
87) Indeno(1,2,3-cd)pyrene	17.004	276	1591320	38.57	ng		99
88) Benzo(b)fluoranthene	15.092	252	1810336	40.65	ng		99
89) Benzo(k)fluoranthene	15.127	252	1533263	35.31	ng		99
90) Benzo(a)pyrene	15.462	252	1480369	38.13	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1306271	37.80	ng		99
92) Benzo(g,h,i)perylene	17.451	276	1299681	38.67	ng		98

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

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