Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
Data File : BF122534.D
Acq On : 3 Dec 2020 13:06
Operator : JU/CG
Sample : PB133368BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133368BS

Manual Integrations APPROVED
mohammad
12/7/2020 8:52:45 AM

Quant Time: Dec 03 13:40:22 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	224094	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	901938	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	494039	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	921979	20.00	ng		0.00
76) Chrysene-d12	14.033	240	757806	20.00	ng		0.00
86) Perylene-d12	15.504	264	727969	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	1695104	116.15	ng		0.01
7) Phenol-d6	6.498	99	2183268	114.35	ng		0.00
23) Nitrobenzene-d5	7.428	82	1380775	93.72	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	752572	141.93	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	2510466	79.40	ng		0.00
79) Terphenyl-d14	12.974	244	2796057	78.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	236851	35.39	ng		88
3) Pyridine	3.469	79	693329	37.67	ng		87
4) n-Nitrosodimethylamine	3.428	42	315628	36.37	ng		87
6) Aniline	6.522	93	725728	28.97	ng		99
8) 2-Chlorophenol	6.645	128	732938	48.43	ng		90
9) Benzaldehyde	6.404	77	410552	40.93	ng		98
10) Phenol	6.510	94	863080	45.91	ng		91
11) bis(2-Chloroethyl)ether	6.592	93	672377	44.99	ng		95
12) 1,3-Dichlorobenzene	6.798	146	770238	44.83	ng		98
13) 1,4-Dichlorobenzene	6.875	146	777009	45.02	ng		98
14) 1,2-Dichlorobenzene	7.028	146	747586	46.41	ng		99
15) Benzyl Alcohol	7.004	79	590271	43.49	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	893797	41.04	ng		93
17) 2-Methylphenol	7.116	107	617382	48.87	ng		100
18) Hexachloroethane	7.369	117	275407	45.82	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	485579	42.56	ng		89
20) 3+4-Methylphenols	7.269	107	702495	45.19	ng		95
22) Acetophenone	7.269	105	916493	39.01	ng	#	94
24) Nitrobenzene	7.445	77	753920	44.73	ng		94
25) Isophorone	7.686	82	1355290	41.26	ng		96
26) 2-Nitrophenol	7.757	139	390363	52.58	ng		99
27) 2,4-Dimethylphenol	7.798	122	651883	42.08	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	854382	42.53	ng		99
29) 2,4-Dichlorophenol	8.004	162	640310	46.68	ng		95
30) 1,2,4-Trichlorobenzene	8.086	180	657112	43.41	ng		97
31) Naphthalene	8.169	128	2028506	42.30	ng		99
32) Benzoic acid	7.939	122	420386	48.85	ng		98
33) 4-Chloroaniline	8.210	127	386768	18.52	ng		96
34) Hexachlorobutadiene	8.281	225	389386	44.75	ng		99
35) Caprolactam	8.598	113	207085m	47.63	ng		
36) 4-Chloro-3-methylphenol	8.704	107	676016	47.26	ng		95
37) 2-Methylnaphthalene	8.857	142	1380078	43.56	ng		98
38) 1-Methylnaphthalene	8.957	142	1282391	43.25	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	640435	42.07	ng		99
41) Hexachlorocyclopentadiene	9.016	237	733651	82.42	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	469293	47.47	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	503708	48.60	ng		99
46) 1,1'-Biphenyl	9.322	154	1651974	42.01	ng		99
47) 2-Chloronaphthalene	9.351	162	1322950	42.39	ng		98
48) 2-Nitroaniline	9.445	65	412745	44.78	ng		87
49) Acenaphthylene	9.763	152	2054311	42.82	ng		98
50) Dimethylphthalate	9.627	163	1628051	46.36	ng		99
51) 2,6-Dinitrotoluene	9.686	165	375392	48.03	ng	#	86
52) Acenaphthene	9.939	154	1422787m	47.92	ng		
53) 3-Nitroaniline	9.857	138	228466	27.32	ng		87
54) 2,4-Dinitrophenol	9.969	184	364857	97.11	ng		95
55) Dibenzofuran	10.110	168	1853905	42.61	ng		99
56) 4-Nitrophenol	10.027	139	612850	80.01	ng		94
57) 2,4-Dinitrotoluene	10.092	165	508232	51.25	ng		92
58) Fluorene	10.451	166	1443216	43.32	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	454391	52.72	ng		94
60) Diethylphthalate	10.327	149	1562014	45.34	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	703554	44.74	ng		96
62) 4-Nitroaniline	10.475	138	394316	45.47	ng		98
63) Azobenzene	10.604	77	1471917	40.73	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	260773	59.32	ng		91
66) n-Nitrosodiphenylamine	10.563	169	1350119	42.98	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	499018	46.06	ng		98
68) Hexachlorobenzene	11.004	284	550050	46.99	ng	#	92
69) Atrazine	11.092	200	402714	51.48	ng		98
70) Pentachlorophenol	11.198	266	646873	95.92	ng		98
71) Phenanthrene	11.416	178	2177199	41.62	ng		98
72) Anthracene	11.469	178	2272629	42.15	ng		99
73) Carbazole	11.621	167	2069998	42.20	ng		99
74) Di-n-butylphthalate	11.951	149	2351615	44.98	ng		100
75) Fluoranthene	12.604	202	2366177	43.33	ng		98
77) Benzidine	12.721	184	1001525	47.65	ng		99
78) Pyrene	12.833	202	2367560	44.47	ng		99
80) Butylbenzylphthalate	13.451	149	1019315	47.76	ng		93
81) Benzo(a)anthracene	14.021	228	2114356	44.86	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	566590	32.26	ng		99
83) Chrysene	14.063	228	2058344	43.36	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	1324406	51.59	ng	#	97
85) Di-n-octyl phthalate	14.621	149	2323114	53.40	ng		96
87) Indeno(1,2,3-cd)pyrene	16.980	276	1982245	45.38	ng		99
88) Benzo(b)fluoranthene	15.074	252	2332878	49.48	ng		99
89) Benzo(k)fluoranthene	15.109	252	1892025	41.16	ng		99
90) Benzo(a)pyrene	15.445	252	1852262	45.06	ng		99
91) Dibenzo(a,h)anthracene	16.998	278	1621244	44.31	ng		99
92) Benzo(g,h,i)perylene	17.427	276	1603451	45.07	ng		98

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

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