Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122544.D
Acq On : 4 Dec 2020 14:21
Operator : JU/CG
Sample : PB133399BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133399BS

Manual Integrations APPROVED
mohammad
12/7/2020 1:59:00 PM

Quant Time: Dec 04 14:50:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	246846	20.00	ng		0.00
21) Naphthalene-d8	8.133	136	989086	20.00	ng		0.00
39) Acenaphthene-d10	9.892	164	535141	20.00	ng		0.00
64) Phenanthrene-d10	11.380	188	970440	20.00	ng		0.00
76) Chrysene-d12	14.021	240	780016	20.00	ng		0.00
86) Perylene-d12	15.480	264	559548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1402265	87.23	ng		0.02
7) Phenol-d6	6.492	99	1834855	87.25	ng		0.00
23) Nitrobenzene-d5	7.416	82	1053241	65.19	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	567823	98.86	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1993407	58.20	ng		0.00
79) Terphenyl-d14	12.962	244	2181767	59.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	268161	36.37	ng		88
3) Pyridine	3.463	79	592198	29.21	ng		88
4) n-Nitrosodimethylamine	3.416	42	274165	28.68	ng	#	88
6) Aniline	6.516	93	595702	21.59	ng		96
8) 2-Chlorophenol	6.639	128	633068	37.97	ng		92
9) Benzaldehyde	6.398	77	59290	2.87	ng		94
10) Phenol	6.504	94	759074	36.65	ng		88
11) bis(2-Chloroethyl)ether	6.592	93	622196	37.80	ng		90
12) 1,3-Dichlorobenzene	6.792	146	667889	35.29	ng		97
13) 1,4-Dichlorobenzene	6.869	146	680836	35.81	ng		98
14) 1,2-Dichlorobenzene	7.022	146	640552	36.10	ng		99
15) Benzyl Alcohol	6.998	79	537395	35.94	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	803347	33.48	ng		93
17) 2-Methylphenol	7.110	107	540620	38.85	ng		99
18) Hexachloroethane	7.363	117	245209	37.03	ng		96
19) n-Nitroso-di-n-propyla...	7.269	70	434090	34.54	ng		93
20) 3+4-Methylphenols	7.263	107	611825	35.73	ng		93
22) Acetophenone	7.263	105	824735	32.01	ng		95
24) Nitrobenzene	7.433	77	679207	36.74	ng		96
25) Isophorone	7.675	82	1219836	33.87	ng		97
26) 2-Nitrophenol	7.751	139	349830	44.22	ng		98
27) 2,4-Dimethylphenol	7.792	122	566398	33.34	ng		99
28) bis(2-Chloroethoxy)met...	7.886	93	771730	35.03	ng		99
29) 2,4-Dichlorophenol	7.998	162	558529	37.13	ng		95
30) 1,2,4-Trichlorobenzene	8.075	180	594847	35.83	ng		96
31) Naphthalene	8.157	128	1830386	34.81	ng		98
32) Benzoic acid	7.928	122	416282	44.88	ng		98
33) 4-Chloroaniline	8.204	127	476328	20.80	ng		96
34) Hexachlorobutadiene	8.275	225	353405	37.04	ng		99
35) Caprolactam	8.586	113	171903m	36.06	ng		
36) 4-Chloro-3-methylphenol	8.692	107	568684	36.25	ng		98
37) 2-Methylnaphthalene	8.851	142	1237534	35.62	ng		99
38) 1-Methylnaphthalene	8.951	142	1148063	35.30	ng		100
40) 1,2,4,5-Tetrachloroben...	9.016	216	584575	35.45	ng		100
41) Hexachlorocyclopentadiene	9.004	237	491010	50.93	ng		100
43) 2,4,6-Trichlorophenol	9.127	196	399164	37.27	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	426682	38.01	ng		99
46) 1,1'-Biphenyl	9.316	154	1459707	34.27	ng		98
47) 2-Chloronaphthalene	9.339	162	1175309	34.76	ng		98
48) 2-Nitroaniline	9.433	65	345164	35.75	ng		90
49) Acenaphthylene	9.757	152	1780744	34.27	ng		100
50) Dimethylphthalate	9.616	163	1359150	35.73	ng		99
51) 2,6-Dinitrotoluene	9.674	165	316432	38.22	ng		90
52) Acenaphthene	9.927	154	1095982	34.08	ng		99
53) 3-Nitroaniline	9.845	138	186434	21.46	ng		93
54) 2,4-Dinitrophenol	9.957	184	323274	86.39	ng		94
55) Dibenzofuran	10.098	168	1622599	34.43	ng		99
56) 4-Nitrophenol	10.016	139	511433	62.88	ng		92
57) 2,4-Dinitrotoluene	10.080	165	414239	39.73	ng		93
58) Fluorene	10.445	166	1235375	34.24	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	366799	39.29	ng		97
60) Diethylphthalate	10.316	149	1303849	34.94	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	598432	35.13	ng		97
62) 4-Nitroaniline	10.463	138	296641	32.61	ng		98
63) Azobenzene	10.592	77	1238591	31.64	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	221304	51.49	ng		91
66) n-Nitrosodiphenylamine	10.551	169	1111828	33.63	ng		95
67) 4-Bromophenyl-phenylether	10.921	248	413153	36.23	ng		100
68) Hexachlorobenzene	10.992	284	451180	36.62	ng		95
69) Atrazine	11.080	200	292680	35.54	ng		97
70) Pentachlorophenol	11.186	266	518863	73.09	ng		97
71) Phenanthrene	11.404	178	1829759	33.23	ng		99
72) Anthracene	11.457	178	1874965	33.04	ng		100
73) Carbazole	11.610	167	1687299	32.68	ng		100
74) Di-n-butylphthalate	11.939	149	1941990	35.29	ng		100
75) Fluoranthene	12.592	202	1922906	33.45	ng		98
77) Benzidine	12.710	184	348678	16.12	ng		100
78) Pyrene	12.821	202	1945349	35.50	ng		99
80) Butylbenzylphthalate	13.439	149	813138	37.76	ng		90
81) Benzo(a)anthracene	14.009	228	1680741	34.65	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	532428	29.45	ng		99
83) Chrysene	14.051	228	1669404	34.17	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1065257	40.32	ng	#	98
85) Di-n-octyl phthalate	14.609	149	1817007	40.58	ng		95
87) Indeno(1,2,3-cd)pyrene	16.950	276	1455859	43.36	ng		99
88) Benzo(b)fluoranthene	15.062	252	1734424	47.86	ng		100
89) Benzo(k)fluoranthene	15.092	252	1514101	42.85	ng		100
90) Benzo(a)pyrene	15.427	252	1402558	44.39	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	1208239	42.96	ng		98
92) Benzo(g,h,i)perylene	17.392	276	1198620	43.83	ng		99

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

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