Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110920\
Data File : BF122282.D
Acq On : 9 Nov 2020 12:56
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 09 13:41:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 09 13:34:45 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
11/10/2020 12:02:12 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	255268	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	936282	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	490398	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	874669	20.00	ng		0.00
76) Chrysene-d12	14.033	240	770937	20.00	ng		0.00
86) Perylene-d12	15.497	264	731073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1320383	76.34	ng		0.00
7) Phenol-d6	6.492	99	1721459	77.32	ng		0.00
23) Nitrobenzene-d5	7.433	82	1294975	70.93	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	437377	72.10	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2411710	72.36	ng		0.00
79) Terphenyl-d14	12.980	244	2751820	68.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	297646	39.13	ng		94
3) Pyridine	3.392	79	832876	41.64	ng		92
4) n-Nitrosodimethylamine	3.345	42	391967	40.55	ng		97
6) Aniline	6.533	93	1129372	41.19	ng		97
8) 2-Chlorophenol	6.651	128	694644	39.74	ng		93
9) Benzaldehyde	6.416	77	456129	35.52	ng		98
10) Phenol	6.504	94	852194m	37.09	ng		
11) bis(2-Chloroethyl)ether	6.604	93	671610	37.81	ng		95
12) 1,3-Dichlorobenzene	6.810	146	777315	39.53	ng		98
13) 1,4-Dichlorobenzene	6.886	146	774957	39.25	ng		97
14) 1,2-Dichlorobenzene	7.039	146	729454	40.42	ng		98
15) Benzyl Alcohol	7.004	79	623975	43.33	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	981275	35.90	ng		98
17) 2-Methylphenol	7.116	107	567290	37.95	ng		99
18) Hexachloroethane	7.386	117	274308	38.47	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	512150	40.40	ng		95
20) 3+4-Methylphenols	7.269	107	706804	39.22	ng	#	73
22) Acetophenone	7.280	105	957866	39.76	ng	#	85
24) Nitrobenzene	7.451	77	725334	37.17	ng		98
25) Isophorone	7.692	82	1324778	38.38	ng		98
26) 2-Nitrophenol	7.769	139	266878	29.70	ng		97
27) 2,4-Dimethylphenol	7.804	122	638797	41.70	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	822648	38.09	ng		98
29) 2,4-Dichlorophenol	8.004	162	574055	40.02	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	630320	41.32	ng		95
31) Naphthalene	8.174	128	1964456	39.17	ng		98
32) Benzoic acid	7.910	122	319342	41.27	ng		99
33) 4-Chloroaniline	8.221	127	858905	40.20	ng		97
34) Hexachlorobutadiene	8.298	225	357992	39.58	ng		99
35) Caprolactam	8.592	113	180916	39.71	ng		87
36) 4-Chloro-3-methylphenol	8.698	107	597151	38.76	ng		92
37) 2-Methylnaphthalene	8.868	142	1286691	39.61	ng		99
38) 1-Methylnaphthalene	8.968	142	1220522	40.57	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	596699	37.70	ng		99
41) Hexachlorocyclopentadiene	9.027	237	369447	118.28	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	403972	41.37	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.174	196	419752	39.80	ng		98
46) 1,1'-Biphenyl	9.333	154	1526772	38.29	ng		98
47) 2-Chloronaphthalene	9.357	162	1224911	39.50	ng		97
48) 2-Nitroaniline	9.445	65	337778	33.02	ng		98
49) Acenaphthylene	9.774	152	1884868	39.58	ng		99
50) Dimethylphthalate	9.633	163	1352923	37.73	ng		100
51) 2,6-Dinitrotoluene	9.692	165	290282	36.90	ng	#	87
52) Acenaphthene	9.945	154	1160181	40.95	ng		99
53) 3-Nitroaniline	9.857	138	331936	37.10	ng		97
54) 2,4-Dinitrophenol	9.957	184	77850	24.55	ng	#	73
55) Dibenzofuran	10.115	168	1692663	40.86	ng		100
56) 4-Nitrophenol	10.004	139	268837	55.24	ng		95
57) 2,4-Dinitrotoluene	10.092	165	364026	37.59	ng	#	88
58) Fluorene	10.457	166	1289870	38.64	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	356101	43.64	ng		99
60) Diethylphthalate	10.333	149	1336967	38.66	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	612460	38.26	ng		99
62) 4-Nitroaniline	10.468	138	325957	36.47	ng		91
63) Azobenzene	10.610	77	1400801	38.31	ng		98
65) 4,6-Dinitro-2-methylph...	10.498	198	132083	26.37	ng		95
66) n-Nitrosodiphenylamine	10.568	169	1173096	38.93	ng		94
67) 4-Bromophenyl-phenylether	10.939	248	408634	40.44	ng		99
68) Hexachlorobenzene	11.004	284	439570	38.43	ng		98
69) Atrazine	11.092	200	297596	40.39	ng		98
70) Pentachlorophenol	11.192	266	259295	70.75	ng		99
71) Phenanthrene	11.415	178	1948600	40.63	ng		99
72) Anthracene	11.468	178	2021635	40.64	ng		99
73) Carbazole	11.621	167	1827719	41.33	ng		99
74) Di-n-butylphthalate	11.957	149	1967148	38.66	ng		99
75) Fluoranthene	12.604	202	2047761	39.82	ng		98
77) Benzidine	12.721	184	859939	36.18	ng		99
78) Pyrene	12.833	202	2115513	36.01	ng		99
80) Butylbenzylphthalate	13.456	149	813691	34.92	ng		95
81) Benzo(a)anthracene	14.021	228	1879330	37.20	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	722101	38.53	ng		99
83) Chrysene	14.062	228	1876175	37.83	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	1031498	32.61	ng		98
85) Di-n-octyl phthalate	14.633	149	1857969	36.31	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	1654481	34.86	ng		99
88) Benzo(b)fluoranthene	15.068	252	1896172	38.37	ng		99
89) Benzo(k)fluoranthene	15.103	252	1784427	38.01	ng		99
90) Benzo(a)pyrene	15.439	252	1635038	38.31	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	1387077	35.49	ng		99
92) Benzo(g,h,i)perylene	17.403	276	1319933	33.74	ng		98

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

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