Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
Data File : BF126059.D
Acq On : 8 Nov 2021 11:45
Operator : JU/CG
Sample : PB140512BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 08 12:56:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB140512BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/09/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	185965	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	716116	20.000	ng	#	0.00
39) Acenaphthene-d10	9.892	164	425203	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	803107	20.000	ng		0.00
76) Chrysene-d12	14.016	240	556846	20.000	ng	#	0.00
86) Perylene-d12	15.480	264	405183	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1346098	124.304	ng		0.01
7) Phenol-d6	6.492	99	1725521	113.035	ng		0.00
23) Nitrobenzene-d5	7.422	82	1247870	82.179	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	650879	133.573	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2438846	77.510	ng		0.00
79) Terphenyl-d14	12.963	244	2966831	85.915	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	139937	31.078	ng	#	100
3) Pyridine	3.404	79	335086	27.655	ng		94
4) n-Nitrosodimethylamine	3.352	42	344625	40.559	ng	#	88
6) Aniline	6.516	93	750743	44.600	ng	#	89
8) 2-Chlorophenol	6.640	128	506651	43.784	ng		81
9) Benzaldehyde	6.404	77	370089	42.826	ng		87
10) Phenol	6.504	94	680758	43.614	ng	#	72
11) bis(2-Chloroethyl)ether	6.592	93	498850	43.878	ng		89
12) 1,3-Dichlorobenzene	6.798	146	558120	42.350	ng	#	91
13) 1,4-Dichlorobenzene	6.875	146	587636	43.728	ng		96
14) 1,2-Dichlorobenzene	7.028	146	554833	42.855	ng		96
15) Benzyl Alcohol	6.998	79	536695	41.167	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.134	45	873234	41.771	ng		93
17) 2-Methylphenol	7.110	107	433009	43.970	ng	#	87
18) Hexachloroethane	7.369	117	228323	45.224	ng	#	85
19) n-Nitroso-di-n-propyla...	7.275	70	442980	44.018	ng	#	80
20) 3+4-Methylphenols	7.263	107	561877	42.203	ng	#	74
22) Acetophenone	7.269	105	827906	40.028	ng	#	88
24) Nitrobenzene	7.439	77	655707	43.599	ng	#	82
25) Isophorone	7.681	82	1124167	41.119	ng	#	87
26) 2-Nitrophenol	7.751	139	241266	45.601	ng	#	57
27) 2,4-Dimethylphenol	7.792	122	448386	44.984	ng	#	78
28) bis(2-Chloroethoxy)met...	7.887	93	639508	39.668	ng	#	97
29) 2,4-Dichlorophenol	7.998	162	475108	42.227	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	561451	40.926	ng		96
31) Naphthalene	8.163	128	1531339	41.285	ng		99
32) Benzoic acid	7.916	122	228962	39.120	ng	#	77
33) 4-Chloroaniline	8.210	127	592922	39.997	ng	#	92
34) Hexachlorobutadiene	8.281	225	386228	40.898	ng		98
35) Caprolactam	8.581	113	131425m	41.947	ng		
36) 4-Chloro-3-methylphenol	8.692	107	544691	41.982	ng		88
37) 2-Methylnaphthalene	8.851	142	1111980	43.407	ng		99
38) 1-Methylnaphthalene	8.951	142	1008343	40.636	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	600251	42.124	ng		98
41) Hexachlorocyclopentadiene	9.010	237	778705	105.175	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	383405	44.432	ng		99

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44) 2,4,5-Trichlorophenol	9.169	196	403078	43.239	ng		97
46) 1,1'-Biphenyl	9.316	154	1319900	40.160	ng		98
47) 2-Chloronaphthalene	9.339	162	1076575	41.617	ng		97
48) 2-Nitroaniline	9.433	65	376741	44.733	ng	#	74
49) Acenaphthylene	9.757	152	1659663	42.424	ng		98
50) Dimethylphthalate	9.622	163	1306280	42.197	ng	#	98
51) 2,6-Dinitrotoluene	9.675	165	270514	50.981	ng	#	62
52) Acenaphthene	9.928	154	1018405	41.273	ng		98
53) 3-Nitroaniline	9.845	138	232385	42.721	ng	#	57
54) 2,4-Dinitrophenol	9.957	184	234735	82.631	ng		92
55) Dibenzofuran	10.098	168	1518296	40.875	ng		98
56) 4-Nitrophenol	10.010	139	392122	91.339	ng	#	48
57) 2,4-Dinitrotoluene	10.080	165	375781	49.086	ng	#	84
58) Fluorene	10.445	166	1243290	41.692	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	353781	44.817	ng	#	88
60) Diethylphthalate	10.316	149	1306303	42.079	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	655547	41.104	ng		92
62) 4-Nitroaniline	10.463	138	262719	46.307	ng		86
63) Azobenzene	10.592	77	1362092	40.408	ng		91
65) 4,6-Dinitro-2-methylph...	10.492	198	167580	44.145	ng		83
66) n-Nitrosodiphenylamine	10.551	169	1063856	41.597	ng		96
67) 4-Bromophenyl-phenylether	10.922	248	410858	42.237	ng		95
68) Hexachlorobenzene	10.992	284	451656	44.447	ng	#	87
69) Atrazine	11.080	200	408016	45.103	ng		92
70) Pentachlorophenol	11.186	266	504213	92.083	ng		94
71) Phenanthrene	11.404	178	1809733	41.553	ng		98
72) Anthracene	11.457	178	1871021	43.030	ng		98
73) Carbazole	11.610	167	1598005	39.625	ng		99
74) Di-n-butylphthalate	11.939	149	2036162	43.331	ng	#	98
75) Fluoranthene	12.592	202	2017368	41.596	ng		95
77) Benzidine	12.710	184	1378442	74.051	ng	#	96
78) Pyrene	12.821	202	1989583	44.553	ng		95
80) Butylbenzylphthalate	13.439	149	764241	46.984	ng	#	90
81) Benzo(a)anthracene	14.004	228	1582718	41.374	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	508107	45.516	ng	#	98
83) Chrysene	14.045	228	1504081	42.256	ng		96
84) Bis(2-ethylhexyl)phtha...	13.998	149	1056531	46.865	ng	#	99
85) Di-n-octyl phthalate	14.610	149	1500977	46.861	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	1145719	47.773	ng	#	84
88) Benzo(b)fluoranthene	15.057	252	1241526	47.107	ng	#	94
89) Benzo(k)fluoranthene	15.086	252	1154154	45.144	ng	#	96
90) Benzo(a)pyrene	15.421	252	1097679	52.865	ng	#	93
91) Dibenzo(a,h)anthracene	16.962	278	966521	49.067	ng	#	91
92) Benzo(g,h,i)perylene	17.386	276	939895	49.753	ng	#	82

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

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