Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
Data File : BF126060.D
Acq On : 8 Nov 2021 12:17
Operator : JU/CG
Sample : PB140520BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 08 12:57:40 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 :
PB140520BS

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	235404	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	879428	20.000	ng	#	0.00
39) Acenaphthene-d10	9.892	164	533891	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	984510	20.000	ng	#	0.00
76) Chrysene-d12	14.016	240	666143	20.000	ng	#	0.00
86) Perylene-d12	15.480	264	495239	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1593978	116.281	ng		0.02
7) Phenol-d6	6.492	99	2059126	106.559	ng		0.00
23) Nitrobenzene-d5	7.422	82	1505670	80.743	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	780029	127.489	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2869975	72.644	ng		0.00
79) Terphenyl-d14	12.963	244	3368714	81.547	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	157520	27.636	ng	#	100
3) Pyridine	3.452	79	379032	24.712	ng		95
4) n-Nitrosodimethylamine	3.404	42	403910	37.553	ng	#	88
6) Aniline	6.516	93	780113	36.612	ng	#	86
8) 2-Chlorophenol	6.640	128	612539	41.818	ng	#	79
9) Benzaldehyde	6.404	77	414678	35.845	ng		89
10) Phenol	6.504	94	807599	40.873	ng	#	66
11) bis(2-Chloroethyl)ether	6.593	93	586167	40.730	ng		87
12) 1,3-Dichlorobenzene	6.798	146	660996	39.622	ng	#	91
13) 1,4-Dichlorobenzene	6.875	146	679075	39.919	ng		96
14) 1,2-Dichlorobenzene	7.028	146	653457	39.872	ng		96
15) Benzyl Alcohol	7.004	79	649126	39.334	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1023341	38.671	ng		93
17) 2-Methylphenol	7.110	107	520112	41.723	ng	#	87
18) Hexachloroethane	7.369	117	270742	42.363	ng	#	86
19) n-Nitroso-di-n-propyla...	7.275	70	527637	41.419	ng	#	82
20) 3+4-Methylphenols	7.263	107	696080	41.302	ng	#	74
22) Acetophenone	7.269	105	990451	38.995	ng	#	82
24) Nitrobenzene	7.439	77	785827	42.548	ng	#	82
25) Isophorone	7.681	82	1334393	39.745	ng	#	88
26) 2-Nitrophenol	7.757	139	305228	46.838	ng	#	67
27) 2,4-Dimethylphenol	7.792	122	563365	46.024	ng	#	79
28) bis(2-Chloroethoxy)met...	7.887	93	761082	38.442	ng	#	97
29) 2,4-Dichlorophenol	7.998	162	576789	41.745	ng		96
30) 1,2,4-Trichlorobenzene	8.081	180	661885	39.287	ng		98
31) Naphthalene	8.163	128	1801381	39.547	ng		99
32) Benzoic acid	7.934	122	311195	42.320	ng	#	72
33) 4-Chloroaniline	8.204	127	509951	28.012	ng	#	87
34) Hexachlorobutadiene	8.281	225	460984	39.749	ng		98
35) Caprolactam	8.592	113	152320m	39.588	ng		
36) 4-Chloro-3-methylphenol	8.692	107	656091	41.178	ng	#	83
37) 2-Methylnaphthalene	8.851	142	1331624	42.328	ng		100
38) 1-Methylnaphthalene	8.951	142	1212184	39.779	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	720768	40.284	ng		97
41) Hexachlorocyclopentadiene	9.010	237	936703	100.760	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	452546	41.768	ng		99

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Sample : PB140520BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 08 12:57:40 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	481553	41.141	ng		93
46) 1,1'-Biphenyl	9.316	154	1585695	38.426	ng		97
47) 2-Chloronaphthalene	9.339	162	1291064	39.748	ng		98
48) 2-Nitroaniline	9.433	65	456052	43.228	ng	#	73
49) Acenaphthylene	9.757	152	1953045	39.760	ng		97
50) Dimethylphthalate	9.622	163	1577150	40.576	ng		97
51) 2,6-Dinitrotoluene	9.681	165	327294	49.125	ng	#	72
52) Acenaphthene	9.928	154	1224090	39.509	ng		97
53) 3-Nitroaniline	9.845	138	232094	33.981	ng	#	59
54) 2,4-Dinitrophenol	9.957	184	293541	82.403	ng		88
55) Dibenzofuran	10.104	168	1787594	38.327	ng		98
56) 4-Nitrophenol	10.016	139	473087	87.765	ng	#	56
57) 2,4-Dinitrotoluene	10.086	165	450100	46.971	ng	#	91
58) Fluorene	10.445	166	1477098	39.449	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	426187	42.998	ng	#	87
60) Diethylphthalate	10.322	149	1553572	39.856	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	793259	39.613	ng		93
62) 4-Nitroaniline	10.463	138	308161	43.259	ng	#	80
63) Azobenzene	10.598	77	1597071	37.733	ng		92
65) 4,6-Dinitro-2-methylph...	10.492	198	204001	43.896	ng		96
66) n-Nitrosodiphenylamine	10.557	169	1265763	40.373	ng		96
67) 4-Bromophenyl-phenylether	10.922	248	492343	41.288	ng		90
68) Hexachlorobenzene	10.992	284	537763	43.170	ng	#	91
69) Atrazine	11.086	200	501246	45.200	ng		92
70) Pentachlorophenol	11.186	266	607340	90.480	ng		94
71) Phenanthrene	11.404	178	2135089	39.990	ng		96
72) Anthracene	11.457	178	2188551	41.058	ng		97
73) Carbazole	11.610	167	1843071	37.281	ng		99
74) Di-n-butylphthalate	11.939	149	2368187	41.111	ng	#	98
75) Fluoranthene	12.592	202	2341266	39.379	ng		95
77) Benzidine	12.710	184	881252	39.574	ng		97
78) Pyrene	12.822	202	2335977	43.727	ng		94
80) Butylbenzylphthalate	13.439	149	888733	45.673	ng		90
81) Benzo(a)anthracene	14.010	228	1820380	39.779	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	477458	35.753	ng	#	98
83) Chrysene	14.045	228	1747555	41.041	ng		97
84) Bis(2-ethylhexyl)phtha...	13.998	149	1201961	44.568	ng	#	99
85) Di-n-octyl phthalate	14.610	149	1692590	44.173	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	1354210	46.198	ng	#	83
88) Benzo(b)fluoranthene	15.057	252	1411372	43.814	ng	#	94
89) Benzo(k)fluoranthene	15.086	252	1338974	42.850	ng	#	97
90) Benzo(a)pyrene	15.421	252	1264342	49.819	ng	#	94
91) Dibenzo(a,h)anthracene	16.962	278	1157588	48.081	ng	#	91
92) Benzo(g,h,i)perylene	17.392	276	1127817	48.844	ng	#	82

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

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