Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128495.D
Acq On : 27 May 2022 02:21
Operator : CG\JU
Sample : PB144997BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 27 04:26:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB144997BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	256060	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	1016659	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	559814	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	1016629	20.000	ng	0.00
76) Chrysene-d12	14.010	240	656345	20.000	ng	0.00
86) Perylene-d12	15.474	264	553132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1773853	114.747	ng	0.02
7) Phenol-d6	6.475	99	2182515	110.729	ng	0.00
23) Nitrobenzene-d5	7.410	82	1468294	83.315	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	608939	114.280	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2585015	75.020	ng	0.00
79) Terphenyl-d14	12.963	244	2822566	83.083	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	226059	32.795	ng	98
3) Pyridine	3.475	79	613381	34.371	ng	98
4) n-Nitrosodimethylamine	3.434	42	407520	43.577	ng	96
6) Aniline	6.504	93	882726	38.379	ng	99
8) 2-Chlorophenol	6.628	128	720983	44.979	ng	99
9) Benzaldehyde	6.392	77	396485	48.652	ng	98
10) Phenol	6.487	94	815574m	41.757	ng	
11) bis(2-Chloroethyl)ether	6.581	93	676708	42.324	ng	100
12) 1,3-Dichlorobenzene	6.781	146	762497	41.868	ng	100
13) 1,4-Dichlorobenzene	6.857	146	752445	40.848	ng	99
14) 1,2-Dichlorobenzene	7.010	146	734074	43.298	ng	100
15) Benzyl Alcohol	6.986	79	611368m	40.668	ng	
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1187301	41.959	ng	99
17) 2-Methylphenol	7.092	107	588647	43.147	ng	99
18) Hexachloroethane	7.357	117	283268	43.595	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	492820	40.779	ng	100
20) 3+4-Methylphenols	7.245	107	666369	40.431	ng	95
22) Acetophenone	7.257	105	913175	38.954	ng	100
24) Nitrobenzene	7.428	77	749110	42.996	ng	98
25) Isophorone	7.669	82	1426024	43.863	ng	100
26) 2-Nitrophenol	7.739	139	352098	48.353	ng	99
27) 2,4-Dimethylphenol	7.775	122	681002	47.050	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	831477	39.408	ng	99
29) 2,4-Dichlorophenol	7.981	162	602460	40.220	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	645292	39.771	ng	99
31) Naphthalene	8.145	128	1971744	39.626	ng	99
32) Benzoic acid	7.910	122	480913	47.002	ng	99
33) 4-Chloroaniline	8.192	127	552208	27.872	ng	99
34) Hexachlorobutadiene	8.263	225	404235	39.459	ng	99
35) Caprolactam	8.575	113	184719m	39.991	ng	
36) 4-Chloro-3-methylphenol	8.675	107	622186	40.433	ng	100
37) 2-Methylnaphthalene	8.839	142	1258580	40.072	ng	100
38) 1-Methylnaphthalene	8.933	142	1206528	39.497	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	580137	37.738	ng	99
41) Hexachlorocyclopentadiene	8.992	237	781845	90.477	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	439513	38.770	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	453304	38.808	ng		96
46) 1,1'-Biphenyl	9.304	154	1539303	39.159	ng		99
47) 2-Chloronaphthalene	9.327	162	1216603	39.426	ng		99
48) 2-Nitroaniline	9.422	65	411663	47.976	ng		99
49) Acenaphthylene	9.745	152	1961961	41.388	ng		99
50) Dimethylphthalate	9.610	163	1461449	40.246	ng		99
51) 2,6-Dinitrotoluene	9.669	165	327121	49.153	ng		92
52) Acenaphthene	9.916	154	1281724m	43.823	ng		
53) 3-Nitroaniline	9.839	138	275622	35.861	ng	#	90
54) 2,4-Dinitrophenol	9.939	184	297860	87.537	ng		98
55) Dibenzofuran	10.092	168	1666478	38.403	ng		96
56) 4-Nitrophenol	9.998	139	530490	85.059	ng		85
57) 2,4-Dinitrotoluene	10.075	165	418444	52.555	ng		97
58) Fluorene	10.433	166	1225955	39.243	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	383028	40.465	ng		98
60) Diethylphthalate	10.316	149	1418449	40.211	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	607222	38.310	ng		98
62) 4-Nitroaniline	10.463	138	338721	46.030	ng		98
63) Azobenzene	10.586	77	1412113	39.322	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	193784	42.021	ng		92
66) n-Nitrosodiphenylamine	10.545	169	1229793	40.405	ng		100
67) 4-Bromophenyl-phenylether	10.916	248	416931	39.694	ng		96
68) Hexachlorobenzene	10.980	284	468027	40.350	ng	#	91
69) Atrazine	11.074	200	416687	44.111	ng		97
70) Pentachlorophenol	11.169	266	544223	76.994	ng		98
71) Phenanthrene	11.398	178	1888499	39.214	ng		100
72) Anthracene	11.451	178	1935390	40.233	ng		100
73) Carbazole	11.604	167	1764761	38.280	ng		99
74) Di-n-butylphthalate	11.933	149	2195619	40.464	ng		99
75) Fluoranthene	12.580	202	2048253	39.782	ng		100
77) Benzidine	12.704	184	1007449	66.547	ng		99
78) Pyrene	12.810	202	2051683	41.493	ng		100
80) Butylbenzylphthalate	13.433	149	881877	42.284	ng		99
81) Benzo(a)anthracene	13.998	228	1574787	40.367	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	483958	48.447	ng		100
83) Chrysene	14.039	228	1617264	40.480	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1071034	42.459	ng		99
85) Di-n-octyl phthalate	14.615	149	1970777	44.384	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1380862	42.326	ng		99
88) Benzo(b)fluoranthene	15.051	252	1521045	44.205	ng		98
89) Benzo(k)fluoranthene	15.080	252	1396739	43.812	ng		100
90) Benzo(a)pyrene	15.415	252	1387369	50.255	ng		99
91) Dibenzo(a,h)anthracene	16.956	278	1214649	44.904	ng		99
92) Benzo(g,h,i)perylene	17.380	276	1197503	44.633	ng		99

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

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