Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129238.D
Acq On : 15 Jul 2022 15:02
Operator : CG\JU
Sample : PB146238BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 16 01:41:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146238BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	268121	20.000	ng		0.00
21) Naphthalene-d8	8.180	136	1100236	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	564385	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	934911	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	596868	20.000	ng	#	0.00
86) Perylene-d12	15.562	264	463817	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1983971	118.175	ng		0.01
7) Phenol-d6	6.527	99	2518770	116.000	ng		0.00
23) Nitrobenzene-d5	7.463	82	1588568	77.180	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	619617	118.282	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2640609	79.267	ng		0.00
79) Terphenyl-d14	13.015	244	2659826	83.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.792	88	270356	35.348	ng		91
3) Pyridine	3.569	79	754098	38.338	ng		89
4) n-Nitrosodimethylamine	3.510	42	402423	43.313	ng		89
6) Aniline	6.563	93	1024379	40.156	ng		100
8) 2-Chlorophenol	6.680	128	819610	46.364	ng		99
9) Benzaldehyde	6.451	77	456788	34.280	ng		99
10) Phenol	6.539	94	952195m	43.656	ng		
11) bis(2-Chloroethyl)ether	6.633	93	783813	44.309	ng		95
12) 1,3-Dichlorobenzene	6.839	146	814781	43.341	ng		98
13) 1,4-Dichlorobenzene	6.916	146	823862	43.329	ng		99
14) 1,2-Dichlorobenzene	7.069	146	796444	44.938	ng		99
15) Benzyl Alcohol	7.039	79	645364m	44.629	ng		
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1259503	44.684	ng		94
17) 2-Methylphenol	7.145	107	652774	43.929	ng		98
18) Hexachloroethane	7.410	117	316569	44.558	ng	#	89
19) n-Nitroso-di-n-propyla...	7.310	70	553150	43.311	ng		97
20) 3+4-Methylphenols	7.298	107	798968	43.747	ng		98
22) Acetophenone	7.310	105	1075105	42.343	ng	#	97
24) Nitrobenzene	7.480	77	863641	44.109	ng		97
25) Isophorone	7.722	82	1582057	45.734	ng		100
26) 2-Nitrophenol	7.798	139	430746	43.797	ng		92
27) 2,4-Dimethylphenol	7.827	122	739028	48.324	ng		99
28) bis(2-Chloroethoxy)met...	7.927	93	975766	42.346	ng		98
29) 2,4-Dichlorophenol	8.033	162	660027	43.412	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	648304	41.094	ng		96
31) Naphthalene	8.204	128	2249480	43.153	ng		100
32) Benzoic acid	7.951	122	503894	42.423	ng		94
33) 4-Chloroaniline	8.251	127	710566	32.870	ng		97
34) Hexachlorobutadiene	8.316	225	365361	41.165	ng		100
35) Caprolactam	8.621	113	224253m	44.402	ng		
36) 4-Chloro-3-methylphenol	8.733	107	719623	43.388	ng		94
37) 2-Methylnaphthalene	8.892	142	1472297	43.334	ng		98
38) 1-Methylnaphthalene	8.998	142	1405515	42.776	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	588062	41.909	ng	#	97
41) Hexachlorocyclopentadiene	9.045	237	737183	104.399	ng		99
43) 2,4,6-Trichlorophenol	9.174	196	437859	42.377	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	487997	44.649	ng	#	93
46)	1,1'-Biphenyl	9.363	154	1739329	43.572	ng		99
47)	2-Chloronaphthalene	9.386	162	1364583	43.400	ng		99
48)	2-Nitroaniline	9.480	65	475498	45.013	ng		97
49)	Acenaphthylene	9.804	152	2113891	44.668	ng		100
50)	Dimethylphthalate	9.663	163	1587704	43.351	ng		100
51)	2,6-Dinitrotoluene	9.721	165	366310	46.221	ng		89
52)	Acenaphthene	9.974	154	1486296m	48.048	ng		
53)	3-Nitroaniline	9.892	138	312604	33.032	ng		97
54)	2,4-Dinitrophenol	10.004	184	395246	93.053	ng		90
55)	Dibenzofuran	10.151	168	1890602	43.054	ng		98
56)	4-Nitrophenol	10.057	139	661029	88.250	ng		99
57)	2,4-Dinitrotoluene	10.133	165	496847	47.808	ng		87
58)	Fluorene	10.492	166	1447739	43.346	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.263	232	373504	44.239	ng		94
60)	Diethylphthalate	10.363	149	1542064	43.539	ng		99
61)	4-Chlorophenyl-phenyle...	10.480	204	648891	41.940	ng		90
62)	4-Nitroaniline	10.515	138	411164	43.884	ng		91
63)	Azobenzene	10.639	77	1625904	43.006	ng		95
65)	4,6-Dinitro-2-methylph...	10.539	198	245252	41.519	ng		91
66)	n-Nitrosodiphenylamine	10.604	169	1309250	43.892	ng		95
67)	4-Bromophenyl-phenylether	10.974	248	418988	42.573	ng		99
68)	Hexachlorobenzene	11.039	284	461332	44.657	ng		99
69)	Atrazine	11.127	200	425423	51.445	ng		96
70)	Pentachlorophenol	11.233	266	521301	84.861	ng		98
71)	Phenanthrene	11.457	178	2064946	43.503	ng		99
72)	Anthracene	11.510	178	2106072	44.667	ng		100
73)	Carbazole	11.662	167	2018401	42.916	ng		100
74)	Di-n-butylphthalate	11.986	149	2345526	43.396	ng		99
75)	Fluoranthene	12.645	202	2111627	44.668	ng		96
77)	Benzidine	12.762	184	969389	58.022	ng		100
78)	Pyrene	12.874	202	2143054	44.330	ng		100
80)	Butylbenzylphthalate	13.486	149	966333	44.877	ng		99
81)	Benzo(a)anthracene	14.062	228	1662444	44.157	ng		99
82)	3,3'-Dichlorobenzidine	14.027	252	442848	47.022	ng		96
83)	Chrysene	14.103	228	1546218	43.027	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.039	149	1296839	45.261	ng		99
85)	Di-n-octyl phthalate	14.656	149	1819083	44.265	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.074	276	1332403	46.069	ng		97
88)	Benzo(b)fluoranthene	15.121	252	1408132m	49.419	ng		
89)	Benzo(k)fluoranthene	15.156	252	1277720	45.897	ng		98
90)	Benzo(a)pyrene	15.498	252	1155548	49.816	ng	#	96
91)	Dibenzo(a,h)anthracene	17.092	278	1142533	48.839	ng		97
92)	Benzo(g,h,i)perylene	17.539	276	1188821	49.713	ng		98

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

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