Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
Data File : BF132625.D
Acq On : 03 Mar 2023 13:10
Operator : CG\JU
Sample : PB151155BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 04 02:15:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151155BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.004	152	291777	20.000	ng		0.00
21) Naphthalene-d8	8.292	136	1086625	20.000	ng		0.00
39) Acenaphthene-d10	10.051	164	598234	20.000	ng		0.00
64) Phenanthrene-d10	11.551	188	1144079	20.000	ng		0.00
76) Chrysene-d12	14.210	240	644152	20.000	ng	#	0.00
86) Perylene-d12	15.762	264	580936	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	1622271	90.237	ng		0.00
7) Phenol-d6	6.640	99	2145357	91.436	ng		0.00
23) Nitrobenzene-d5	7.575	82	1437732	62.774	ng		0.00
42) 2,4,6-Tribromophenol	10.851	330	619596	95.903	ng		0.00
45) 2-Fluorobiphenyl	9.369	172	2279409	58.017	ng		0.00
79) Terphenyl-d14	13.139	244	2639577	69.283	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.969	88	322171	32.397	ng		97
3) Pyridine	3.716	79	809904	30.682	ng		95
4) n-Nitrosodimethylamine	3.693	42	373080	37.417	ng		89
6) Aniline	6.669	93	1218314	38.584	ng		96
8) 2-Chlorophenol	6.792	128	771283	41.336	ng		98
9) Benzaldehyde	6.551	77	474976	37.516	ng		98
10) Phenol	6.651	94	1063713	39.544	ng		96
11) bis(2-Chloroethyl)ether	6.740	93	868813	41.838	ng		96
12) 1,3-Dichlorobenzene	6.945	146	815982	40.752	ng		99
13) 1,4-Dichlorobenzene	7.022	146	814092	40.717	ng		99
14) 1,2-Dichlorobenzene	7.175	146	748999	39.035	ng		99
15) Benzyl Alcohol	7.145	79	766641	42.427	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.275	45	1067457	40.311	ng		99
17) 2-Methylphenol	7.257	107	685816	39.383	ng		98
18) Hexachloroethane	7.516	117	330655	42.331	ng		96
19) n-Nitroso-di-n-propyla...	7.422	70	553758	38.349	ng		93
20) 3+4-Methylphenols	7.410	107	757836	33.685	ng	#	90
22) Acetophenone	7.416	105	1054400	38.482	ng	#	90
24) Nitrobenzene	7.592	77	950889	38.820	ng		99
25) Isophorone	7.828	82	1852643	42.191	ng		100
26) 2-Nitrophenol	7.904	139	464561	42.985	ng		99
27) 2,4-Dimethylphenol	7.939	122	698847	40.971	ng		99
28) bis(2-Chloroethoxy)met...	8.034	93	1048603	40.822	ng		100
29) 2,4-Dichlorophenol	8.151	162	691637	40.762	ng		99
30) 1,2,4-Trichlorobenzene	8.228	180	773427	41.978	ng		100
31) Naphthalene	8.316	128	2110669	37.942	ng		99
32) Benzoic acid	8.086	122	584095	43.818	ng		95
33) 4-Chloroaniline	8.357	127	531505m	22.297	ng		
34) Hexachlorobutadiene	8.422	225	485374	41.457	ng		100
35) Caprolactam	8.751	113	240230m	42.945	ng		
36) 4-Chloro-3-methylphenol	8.839	107	773897	41.531	ng		97
37) 2-Methylnaphthalene	9.004	142	1458010	38.460	ng		100
38) 1-Methylnaphthalene	9.104	142	1350723	38.125	ng		100
40) 1,2,4,5-Tetrachloroben...	9.175	216	780554	39.880	ng		99
41) Hexachlorocyclopentadiene	9.157	237	953541	89.820	ng		99
43) 2,4,6-Trichlorophenol	9.286	196	545118	41.096	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.328	196	581481	37.560	ng	96
46)	1,1'-Biphenyl	9.469	154	1768771	39.063	ng	99
47)	2-Chloronaphthalene	9.498	162	1437692	40.048	ng	100
48)	2-Nitroaniline	9.592	65	499147	37.752	ng	95
49)	Acenaphthylene	9.916	152	2164448	37.883	ng	99
50)	Dimethylphthalate	9.775	163	1760793	40.423	ng	100
51)	2,6-Dinitrotoluene	9.839	165	404950	40.821	ng	95
52)	Acenaphthene	10.092	154	1569411m	43.258	ng	
53)	3-Nitroaniline	10.010	138	320490	28.881	ng	96
54)	2,4-Dinitrophenol	10.122	184	513209	82.048	ng	97
55)	Dibenzofuran	10.263	168	1926541	36.425	ng	96
56)	4-Nitrophenol	10.175	139	638306	77.131	ng	97
57)	2,4-Dinitrotoluene	10.245	165	526021	39.858	ng	98
58)	Fluorene	10.610	166	1519811	37.567	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.380	232	493623	42.923	ng	99
60)	Diethylphthalate	10.475	149	1662150	39.071	ng	99
61)	4-Chlorophenyl-phenyle...	10.592	204	805129	38.363	ng	99
62)	4-Nitroaniline	10.639	138	447113	41.047	ng	93
63)	Azobenzene	10.757	77	1687695	37.459	ng	99
65)	4,6-Dinitro-2-methylph...	10.657	198	333247	43.028	ng	96
66)	n-Nitrosodiphenylamine	10.716	169	1387619	38.904	ng	99
67)	4-Bromophenyl-phenylether	11.086	248	527422	40.755	ng	98
68)	Hexachlorobenzene	11.157	284	584693	42.938	ng	95
69)	Atrazine	11.245	200	499538	44.862	ng	98
70)	Pentachlorophenol	11.357	266	621341	76.692	ng	98
71)	Phenanthrene	11.580	178	2255597	38.057	ng	100
72)	Anthracene	11.633	178	2293166	37.572	ng	99
73)	Carbazole	11.780	167	2110750	38.358	ng	99
74)	Di-n-butylphthalate	12.098	149	2524987	39.118	ng	99
75)	Fluoranthene	12.774	202	2403484	37.095	ng	98
77)	Benzidine	12.892	184	1326457	84.593	ng	99
78)	Pyrene	13.004	202	2474196	42.247	ng	100
80)	Butylbenzylphthalate	13.610	149	1002230	43.366	ng	99
81)	Benzo(a)anthracene	14.198	228	1920851	39.854	ng	97
82)	3,3'-Dichlorobenzidine	14.157	252	401092	28.227	ng	99
83)	Chrysene	14.239	228	1784755	39.600	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.168	149	1261068	44.419	ng	99
85)	Di-n-octyl phthalate	14.792	149	1868652	45.042	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.374	276	1766617	46.410	ng	99
88)	Benzo(b)fluoranthene	15.298	252	1658446	42.599	ng	98
89)	Benzo(k)fluoranthene	15.333	252	1508132	39.582	ng	99
90)	Benzo(a)pyrene	15.698	252	1429840	39.242	ng	98
91)	Dibenzo(a,h)anthracene	17.392	278	1414971	45.623	ng	98
92)	Benzo(g,h,i)perylene	17.868	276	1176753	34.059	ng	97

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

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