Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130464.D
Acq On : 29 Sep 2022 12:45
Operator : CG\JU
Sample : PB147960BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 30 03:06:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147960BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.639	152	132533	20.000	ng		0.00
21) Naphthalene-d8	7.922	136	539754	20.000	ng		0.00
39) Acenaphthene-d10	9.675	164	286773	20.000	ng		0.00
64) Phenanthrene-d10	11.157	188	483383	20.000	ng		0.00
76) Chrysene-d12	13.786	240	285381	20.000	ng		0.00
86) Perylene-d12	15.174	264	244915	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	1020197	133.514	ng		0.01
7) Phenol-d6	6.292	99	1255846	131.353	ng		0.00
23) Nitrobenzene-d5	7.216	82	792463	75.008	ng		0.00
42) 2,4,6-Tribromophenol	10.469	330	411539	149.769	ng		0.00
45) 2-Fluorobiphenyl	9.004	172	1569105	79.677	ng		0.00
79) Terphenyl-d14	12.745	244	1620476	94.060	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.328	88	103203	29.409	ng		96
3) Pyridine	3.010	79	273962	29.927	ng		90
4) n-Nitrosodimethylamine	2.969	42	165714	33.283	ng		88
6) Aniline	6.304	93	465088	39.480	ng	#	26
8) 2-Chlorophenol	6.428	128	386698	44.426	ng		91
9) Benzaldehyde	6.187	77	213312	33.308	ng		94
10) Phenol	6.304	94	453200	40.449	ng	#	74
11) bis(2-Chloroethyl)ether	6.387	93	342353	42.362	ng		92
12) 1,3-Dichlorobenzene	6.581	146	413016m	43.123	ng		
13) 1,4-Dichlorobenzene	6.657	146	417274	42.723	ng		97
14) 1,2-Dichlorobenzene	6.810	146	400387	43.884	ng		96
15) Benzyl Alcohol	6.792	79	267236	35.254	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.928	45	416914	35.370	ng		89
17) 2-Methylphenol	6.910	107	318478	45.010	ng		97
18) Hexachloroethane	7.145	117	159475	41.423	ng		96
19) n-Nitroso-di-n-propyla...	7.069	70	248838	38.571	ng		91
20) 3+4-Methylphenols	7.063	107	383162	41.685	ng	#	78
22) Acetophenone	7.057	105	535928	40.612	ng	#	91
24) Nitrobenzene	7.228	77	387244	36.098	ng		95
25) Isophorone	7.475	82	686187	40.297	ng		97
26) 2-Nitrophenol	7.545	139	205972	46.837	ng	#	87
27) 2,4-Dimethylphenol	7.592	122	317264	46.855	ng		92
28) bis(2-Chloroethoxy)met...	7.686	93	426631	44.494	ng		98
29) 2,4-Dichlorophenol	7.792	162	317871	42.839	ng		94
30) 1,2,4-Trichlorobenzene	7.869	180	337698	42.095	ng		94
31) Naphthalene	7.945	128	1101528	39.613	ng		100
32) Benzoic acid	7.745	122	187876	35.879	ng		88
33) 4-Chloroaniline	7.998	127	389210	36.801	ng		98
34) Hexachlorobutadiene	8.063	225	214534	41.844	ng		99
35) Caprolactam	8.386	113	95188m	44.748	ng		
36) 4-Chloro-3-methylphenol	8.498	107	335854	40.835	ng		96
37) 2-Methylnaphthalene	8.639	142	728912	41.112	ng		99
38) 1-Methylnaphthalene	8.733	142	686746	40.321	ng		99
40) 1,2,4,5-Tetrachloroben...	8.804	216	342596	43.776	ng		98
41) Hexachlorocyclopentadiene	8.786	237	385217	91.936	ng		99
43) 2,4,6-Trichlorophenol	8.922	196	219141	40.121	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.963	196	240475	40.800	ng		96
46)	1,1'-Biphenyl	9.104	154	872766	40.750	ng		98
47)	2-Chloronaphthalene	9.128	162	686695	39.635	ng		96
48)	2-Nitroaniline	9.228	65	200500	34.697	ng		90
49)	Acenaphthylene	9.539	152	1022591	39.366	ng		100
50)	Dimethylphthalate	9.416	163	788969	39.829	ng		99
51)	2,6-Dinitrotoluene	9.475	165	174234	42.057	ng	#	80
52)	Acenaphthene	9.710	154	730200m	42.783	ng		
53)	3-Nitroaniline	9.639	138	146928	31.828	ng		94
54)	2,4-Dinitrophenol	9.751	184	174739	77.929	ng		87
55)	Dibenzofuran	9.880	168	936986	39.469	ng		97
56)	4-Nitrophenol	9.822	139	247623	73.647	ng	#	83
57)	2,4-Dinitrotoluene	9.875	165	231730	43.767	ng		94
58)	Fluorene	10.227	166	757071	38.994	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.004	232	187022	40.539	ng		92
60)	Diethylphthalate	10.110	149	770754	38.800	ng		99
61)	4-Chlorophenyl-phenyle...	10.222	204	358585	42.103	ng		89
62)	4-Nitroaniline	10.257	138	182462	39.346	ng		88
63)	Azobenzene	10.380	77	692859	33.873	ng		92
65)	4,6-Dinitro-2-methylph...	10.286	198	116298	43.220	ng		79
66)	n-Nitrosodiphenylamine	10.345	169	649941	40.236	ng		99
67)	4-Bromophenyl-phenylether	10.704	248	230850	43.291	ng		99
68)	Hexachlorobenzene	10.769	284	263625	43.612	ng		96
69)	Atrazine	10.874	200	211420	44.787	ng		96
70)	Pentachlorophenol	10.969	266	241381	74.405	ng		99
71)	Phenanthrene	11.180	178	1060179	39.065	ng		99
72)	Anthracene	11.233	178	1074958	41.045	ng		100
73)	Carbazole	11.392	167	958693	40.561	ng		99
74)	Di-n-butylphthalate	11.727	149	1167773	40.971	ng		98
75)	Fluoranthene	12.363	202	1054666	40.217	ng		99
77)	Benzidine	12.498	184	610702	73.718	ng		99
78)	Pyrene	12.592	202	1051571	42.121	ng		100
80)	Butylbenzylphthalate	13.221	149	417786	45.173	ng	#	88
81)	Benzo(a)anthracene	13.774	228	783175	41.252	ng		98
82)	3,3'-Dichlorobenzidine	13.745	252	232609	45.010	ng		99
83)	Chrysene	13.815	228	710197	39.398	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.780	149	518838	48.976	ng	#	96
85)	Di-n-octyl phthalate	14.386	149	734128	45.308	ng		95
87)	Indeno(1,2,3-cd)pyrene	16.498	276	709796	40.868	ng		97
88)	Benzo(b)fluoranthene	14.786	252	679492	42.507	ng		99
89)	Benzo(k)fluoranthene	14.815	252	681654	43.349	ng		98
90)	Benzo(a)pyrene	15.121	252	582650	46.007	ng	#	98
91)	Dibenzo(a,h)anthracene	16.515	278	618430	43.405	ng		98
92)	Benzo(g,h,i)perylene	16.898	276	606982	42.291	ng		99

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

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