Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125586.D
Acq On : 23 Sep 2021 11:45
Operator : JU/CG
Sample : PB139286BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139286BSD

Manual Integrations APPROVED
mohammad
9/24/2021 5:29:58 PM

Quant Time: Sep 23 12:11:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	302956	20.000	ng		0.00
21) Naphthalene-d8	8.180	136	1300804	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	685230	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	1120010	20.000	ng		0.00
76) Chrysene-d12	14.062	240	612105	20.000	ng		0.00
86) Perylene-d12	15.539	264	572688	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2066000	107.840	ng		0.02
7) Phenol-d6	6.528	99	2520350	102.035	ng		0.00
23) Nitrobenzene-d5	7.463	82	1571915	77.075	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	728263	108.508	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2911452	75.681	ng		0.00
79) Terphenyl-d14	13.010	244	2685689	70.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	248502	32.172	ng	#	100
3) Pyridine	3.528	79	591213	28.565	ng	#	72
4) n-Nitrosodimethylamine	3.487	42	302510	37.057	ng	#	1
6) Aniline	6.563	93	1092830	38.429	ng		94
8) 2-Chlorophenol	6.686	128	885854	40.492	ng		97
9) Benzaldehyde	6.445	77	506294	42.799	ng		93
10) Phenol	6.539	94	959724m	38.172	ng		
11) bis(2-Chloroethyl)ether	6.633	93	805481	40.073	ng		98
12) 1,3-Dichlorobenzene	6.839	146	900491	38.297	ng		97
13) 1,4-Dichlorobenzene	6.916	146	915573	38.523	ng		98
14) 1,2-Dichlorobenzene	7.069	146	892446	40.205	ng		99
15) Benzyl Alcohol	7.039	79	677223	38.312	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1058810	38.284	ng		88
17) 2-Methylphenol	7.145	107	697601	39.948	ng		97
18) Hexachloroethane	7.416	117	331623	39.188	ng	#	86
19) n-Nitroso-di-n-propyla...	7.316	70	544012	36.798	ng	#	69
20) 3+4-Methylphenols	7.298	107	819956	37.763	ng		95
22) Acetophenone	7.310	105	1126119	37.416	ng	#	89
24) Nitrobenzene	7.480	77	822271	38.047	ng		97
25) Isophorone	7.722	82	1554826	35.427	ng		93
26) 2-Nitrophenol	7.792	139	451910	46.438	ng	#	90
27) 2,4-Dimethylphenol	7.827	122	807372	41.396	ng		95
28) bis(2-Chloroethoxy)met...	7.928	93	1003530	39.797	ng		97
29) 2,4-Dichlorophenol	8.033	162	734560	37.256	ng		96
30) 1,2,4-Trichlorobenzene	8.122	180	775819	37.336	ng		97
31) Naphthalene	8.204	128	2439766	36.520	ng		99
32) Benzoic acid	7.957	122	544485	45.979	ng		98
33) 4-Chloroaniline	8.245	127	784654	28.655	ng		98
34) Hexachlorobutadiene	8.322	225	428876	36.602	ng		99
35) Caprolactam	8.622	113	226287m	41.849	ng		
36) 4-Chloro-3-methylphenol	8.727	107	720863	37.219	ng		99
37) 2-Methylnaphthalene	8.892	142	1670684	36.922	ng		99
38) 1-Methylnaphthalene	8.992	142	1542419	36.330	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	667447	36.175	ng		98
41) Hexachlorocyclopentadiene	9.051	237	838471	81.263	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	534575	38.455	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	548331	37.587	ng	#	90
46)	1,1'-Biphenyl	9.363	154	1865671	36.136	ng		96
47)	2-Chloronaphthalene	9.386	162	1567510	36.554	ng		98
48)	2-Nitroaniline	9.474	65	418436	45.729	ng		95
49)	Acenaphthylene	9.804	152	2319186	36.800	ng		97
50)	Dimethylphthalate	9.663	163	1776791	37.676	ng		98
51)	2,6-Dinitrotoluene	9.722	165	401226	42.763	ng	#	86
52)	Acenaphthene	9.974	154	1549530	38.950	ng		97
53)	3-Nitroaniline	9.886	138	342124	34.333	ng		92
54)	2,4-Dinitrophenol	9.992	184	351103	103.871	ng	#	77
55)	Dibenzofuran	10.145	168	2080560	35.242	ng		99
56)	4-Nitrophenol	10.045	139	649699	80.373	ng		91
57)	2,4-Dinitrotoluene	10.121	165	527434	46.908	ng	#	86
58)	Fluorene	10.486	166	1545437	34.037	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.257	232	421171	38.438	ng	#	89
60)	Diethylphthalate	10.363	149	1739853	37.433	ng		98
61)	4-Chlorophenyl-phenyle...	10.480	204	728020	36.053	ng		87
62)	4-Nitroaniline	10.504	138	405763	45.060	ng	#	77
63)	Azobenzene	10.639	77	1576360	34.906	ng		86
65)	4,6-Dinitro-2-methylph...	10.527	198	235723	43.356	ng	#	83
66)	n-Nitrosodiphenylamine	10.598	169	1454685	35.775	ng		94
67)	4-Bromophenyl-phenylether	10.968	248	472117	36.886	ng		99
68)	Hexachlorobenzene	11.033	284	540403	37.464	ng		90
69)	Atrazine	11.121	200	476132	43.542	ng		96
70)	Pentachlorophenol	11.227	266	590427	71.793	ng		95
71)	Phenanthrene	11.451	178	2225431	35.373	ng		95
72)	Anthracene	11.504	178	2292601	36.557	ng		96
73)	Carbazole	11.651	167	2076952	35.017	ng		98
74)	Di-n-butylphthalate	11.986	149	2473523	35.140	ng		99
75)	Fluoranthene	12.639	202	2146002	34.769	ng		98
77)	Benzidine	12.751	184	1161527	66.923	ng		98
78)	Pyrene	12.868	202	2129016	37.116	ng		94
80)	Butylbenzylphthalate	13.480	149	913274	39.402	ng		96
81)	Benzo(a)anthracene	14.051	228	1549764	37.194	ng		99
82)	3,3'-Dichlorobenzidine	14.009	252	505938	39.629	ng		98
83)	Chrysene	14.092	228	1580265	37.544	ng		95
84)	Bis(2-ethylhexyl)phtha...	14.045	149	1136822	40.121	ng		99
85)	Di-n-octyl phthalate	14.656	149	1942632	41.233	ng	#	89
87)	Indeno(1,2,3-cd)pyrene	17.039	276	1725819	41.980	ng		97
88)	Benzo(b)fluoranthene	15.109	252	1559669	37.238	ng		98
89)	Benzo(k)fluoranthene	15.139	252	1493046m	38.978	ng		
90)	Benzo(a)pyrene	15.480	252	1482707	40.674	ng		97
91)	Dibenzo(a,h)anthracene	17.056	278	1427277	40.963	ng		98
92)	Benzo(g,h,i)perylene	17.492	276	1439062	41.847	ng		93

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

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