Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125472.D
Acq On : 14 Sep 2021 14:02
Operator : JU/CG
Sample : PB139040BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139040BS

Manual Integrations APPROVED
mohammad
9/15/2021 4:26:59 PM

Quant Time: Sep 14 14:28:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 11:45:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	187521	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	729865	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	388909	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	689027	20.000	ng	0.00
76) Chrysene-d12	14.062	240	429345	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	317562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1349616	108.936	ng	0.02
7) Phenol-d6	6.528	99	1680315	104.869	ng	0.00
23) Nitrobenzene-d5	7.451	82	1184309	81.690	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	557296	143.553	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2060780	73.852	ng	0.00
79) Terphenyl-d14	12.998	244	2230342	82.757	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.798	88	210106	34.368	ng	# 100
3) Pyridine	3.545	79	496137	30.742	ng	# 89
4) n-Nitrosodimethylamine	3.510	42	332583	41.183	ng	# 40
6) Aniline	6.545	93	677991	36.022	ng	# 81
8) 2-Chlorophenol	6.669	128	550879	43.587	ng	81
9) Benzaldehyde	6.433	77	391620	34.827	ng	93
10) Phenol	6.539	94	660800	39.381	ng	# 61
11) bis(2-Chloroethyl)ether	6.616	93	571716	43.262	ng	84
12) 1,3-Dichlorobenzene	6.822	146	595959	40.692	ng	97
13) 1,4-Dichlorobenzene	6.892	146	608685	41.711	ng	97
14) 1,2-Dichlorobenzene	7.045	146	582379	42.419	ng	97
15) Benzyl Alcohol	7.028	79	502908	40.765	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1020132	38.492	ng	83
17) 2-Methylphenol	7.139	107	466772	43.965	ng	# 90
18) Hexachloroethane	7.386	117	226344	44.294	ng	# 89
19) n-Nitroso-di-n-propyla...	7.298	70	394788	40.963	ng	# 76
20) 3+4-Methylphenols	7.292	107	515855	38.708	ng	# 70
22) Acetophenone	7.292	105	762116	40.573	ng	# 86
24) Nitrobenzene	7.469	77	637364	40.347	ng	90
25) Isophorone	7.704	82	1151354	41.167	ng	# 89
26) 2-Nitrophenol	7.780	139	310576	49.237	ng	# 81
27) 2,4-Dimethylphenol	7.822	122	478038	43.290	ng	90
28) bis(2-Chloroethoxy)met...	7.910	93	702340	45.355	ng	# 97
29) 2,4-Dichlorophenol	8.027	162	482025	42.801	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	522499	42.546	ng	95
31) Naphthalene	8.186	128	1475908	39.485	ng	99
32) Benzoic acid	7.975	122	324551	43.302	ng	84
33) 4-Chloroaniline	8.233	127	512219	34.760	ng	# 90
34) Hexachlorobutadiene	8.298	225	343289	43.839	ng	98
35) Caprolactam	8.627	113	142179m	48.742	ng	
36) 4-Chloro-3-methylphenol	8.727	107	514026	44.710	ng	91
37) 2-Methylnaphthalene	8.874	142	1036877	41.978	ng	97
38) 1-Methylnaphthalene	8.975	142	945007	40.970	ng	96
40) 1,2,4,5-Tetrachloroben...	9.045	216	534943	42.101	ng	98
41) Hexachlorocyclopentadiene	9.027	237	511744	76.658	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	362516	40.519	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	382470	40.634	ng		95
46) 1,1'-Biphenyl	9.345	154	1175554	37.493	ng		99
47) 2-Chloronaphthalene	9.369	162	992389	38.948	ng		97
48) 2-Nitroaniline	9.469	65	357624	45.279	ng	#	79
49) Acenaphthylene	9.786	152	1459331	39.305	ng		99
50) Dimethylphthalate	9.651	163	1153060	42.783	ng	#	98
51) 2,6-Dinitrotoluene	9.710	165	256155	43.833	ng	#	76
52) Acenaphthene	9.957	154	867289	37.680	ng		98
53) 3-Nitroaniline	9.886	138	236569	37.538	ng		82
54) 2,4-Dinitrophenol	9.998	184	301547	130.632	ng	#	83
55) Dibenzofuran	10.127	168	1246498	37.630	ng		99
56) 4-Nitrophenol	10.063	139	362725	72.681	ng	#	76
57) 2,4-Dinitrotoluene	10.121	165	327081	46.244	ng	#	95
58) Fluorene	10.474	166	1002403	40.931	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	305072	43.674	ng	#	84
60) Diethylphthalate	10.345	149	1115883	42.471	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	519801	41.980	ng	#	87
62) 4-Nitroaniline	10.510	138	278177	49.086	ng	#	83
63) Azobenzene	10.621	77	1113973	37.799	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	200917	55.095	ng		83
66) n-Nitrosodiphenylamine	10.586	169	967790	39.227	ng		97
67) 4-Bromophenyl-phenylether	10.951	248	359335	43.429	ng		95
68) Hexachlorobenzene	11.021	284	391182	45.958	ng	#	84
69) Atrazine	11.116	200	326791	46.160	ng		91
70) Pentachlorophenol	11.221	266	382725	77.007	ng		90
71) Phenanthrene	11.439	178	1487299	39.175	ng		96
72) Anthracene	11.492	178	1514884	40.482	ng		96
73) Carbazole	11.651	167	1319103	38.574	ng		99
74) Di-n-butylphthalate	11.968	149	1665665	41.046	ng		100
75) Fluoranthene	12.627	202	1558330	41.366	ng		97
77) Benzidine	12.751	184	820449	54.716	ng		97
78) Pyrene	12.862	202	1558356	42.313	ng		95
80) Butylbenzylphthalate	13.468	149	636784	44.003	ng		88
81) Benzo(a)anthracene	14.051	228	1261348	40.774	ng		100
82) 3,3'-Dichlorobenzidine	14.009	252	403487	42.078	ng	#	99
83) Chrysene	14.086	228	1192822	38.990	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	834797	41.971	ng	#	99
85) Di-n-octyl phthalate	14.639	149	1272634	38.471	ng		98
87) Indeno(1,2,3-cd)pyrene	17.056	276	1049882	45.891	ng	#	89
88) Benzo(b)fluoranthene	15.115	252	1069483	46.098	ng	#	95
89) Benzo(k)fluoranthene	15.145	252	975511	45.059	ng		98
90) Benzo(a)pyrene	15.492	252	976281	47.638	ng	#	95
91) Dibenzo(a,h)anthracene	17.080	278	884253	44.714	ng	#	93
92) Benzo(g,h,i)perylene	17.521	276	911634	47.810	ng	#	88

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

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