Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125001.D
Acq On : 9 Aug 2021 13:20
Operator : JU/CG
Sample : PB138244BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138244BSD

Manual Integrations APPROVED
mohammad
8/10/2021 4:34:32 PM

Quant Time: Aug 09 14:33:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	6784	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	27972	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	16114	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	28131	20.000	ng	0.00
76) Chrysene-d12	13.986	240	17888	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	13456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	51782	125.037	ng	0.01
7) Phenol-d6	6.463	99	63668	121.923	ng	0.00
23) Nitrobenzene-d5	7.387	82	35525	66.438	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	16260	112.946	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	73006	66.293	ng	0.00
79) Terphenyl-d14	12.927	244	73179	69.007	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	7436	47.994	ng	# 100
3) Pyridine	3.428	79	15134	42.037	ng	93
4) n-Nitrosodimethylamine	3.387	42	12580	49.206	ng	# 73
6) Aniline	6.487	93	22664	41.087	ng	98
8) 2-Chlorophenol	6.610	128	21727	47.828	ng	90
9) Benzaldehyde	6.375	77	10095	35.533	ng	97
10) Phenol	6.475	94	27203	50.487	ng	89
11) bis(2-Chloroethyl)ether	6.563	93	21238	52.542	ng	92
12) 1,3-Dichlorobenzene	6.763	146	24344	49.236	ng	97
13) 1,4-Dichlorobenzene	6.840	146	24752	50.077	ng	96
14) 1,2-Dichlorobenzene	6.987	146	23608	50.965	ng	95
15) Benzyl Alcohol	6.969	79	18438	48.949	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.092	45	33465	51.676	ng	94
17) 2-Methylphenol	7.081	107	17689	52.020	ng	95
18) Hexachloroethane	7.334	117	10334	53.401	ng	90
19) n-Nitroso-di-n-propyla...	7.234	70	15553	50.196	ng	92
20) 3+4-Methylphenols	7.234	107	22622	50.115	ng	# 76
22) Acetophenone	7.234	105	32255	47.084	ng	# 87
24) Nitrobenzene	7.404	77	24110	46.598	ng	94
25) Isophorone	7.645	82	41248	45.198	ng	92
26) 2-Nitrophenol	7.722	139	12452	47.393	ng	# 88
27) 2,4-Dimethylphenol	7.757	122	20702	55.583	ng	89
28) bis(2-Chloroethoxy)met...	7.851	93	26554	51.124	ng	98
29) 2,4-Dichlorophenol	7.963	162	19211	46.297	ng	93
30) 1,2,4-Trichlorobenzene	8.045	180	21889	47.070	ng	96
31) Naphthalene	8.128	128	67524	46.985	ng	98
32) Benzoic acid	7.904	122	10924	49.257	ng	89
33) 4-Chloroaniline	8.175	127	14969	27.950	ng	# 96
34) Hexachlorobutadiene	8.239	225	12649	45.548	ng	99
35) Caprolactam	8.557	113	5335m	48.416	ng	
36) 4-Chloro-3-methylphenol	8.663	107	20627	47.521	ng	88
37) 2-Methylnaphthalene	8.816	142	44951	46.520	ng	97
38) 1-Methylnaphthalene	8.916	142	41802	46.234	ng	97
40) 1,2,4,5-Tetrachloroben...	8.986	216	21943	47.442	ng	96
41) Hexachlorocyclopentadiene	8.969	237	20674	114.938	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	13736	44.612	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	13986	44.872	ng		99
46) 1,1'-Biphenyl	9.281	154	53999	44.969	ng		98
47) 2-Chloronaphthalene	9.310	162	42607	44.598	ng		96
48) 2-Nitroaniline	9.404	65	12541	44.688	ng		90
49) Acenaphthylene	9.722	152	66066	45.526	ng		99
50) Dimethylphthalate	9.586	163	51162	46.853	ng	#	98
51) 2,6-Dinitrotoluene	9.651	165	11101	45.654	ng		95
52) Acenaphthene	9.898	154	38523	43.789	ng		96
53) 3-Nitroaniline	9.816	138	7413	28.945	ng	#	78
54) 2,4-Dinitrophenol	9.928	184	10442	84.370	ng		90
55) Dibenzofuran	10.069	168	61648	44.838	ng		94
56) 4-Nitrophenol	9.992	139	15044	89.112	ng		95
57) 2,4-Dinitrotoluene	10.057	165	14433	43.719	ng	#	98
58) Fluorene	10.410	166	47837	45.376	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.186	232	11390	48.706	ng	#	89
60) Diethylphthalate	10.286	149	52287	46.659	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	23943	48.093	ng		96
62) 4-Nitroaniline	10.439	138	10578	42.541	ng		90
63) Azobenzene	10.563	77	48897	44.620	ng		94
65) 4,6-Dinitro-2-methylph...	10.463	198	6999	39.714	ng		94
66) n-Nitrosodiphenylamine	10.522	169	40676	44.613	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	14342	46.547	ng	#	86
68) Hexachlorobenzene	10.957	284	15767	47.036	ng	#	88
69) Atrazine	11.051	200	12978	47.369	ng		92
70) Pentachlorophenol	11.157	266	13820	86.897	ng		95
71) Phenanthrene	11.375	178	69186	45.338	ng		99
72) Anthracene	11.427	178	70722	46.198	ng		99
73) Carbazole	11.580	167	59113	42.107	ng		98
74) Di-n-butylphthalate	11.904	149	84258	47.225	ng		98
75) Fluoranthene	12.557	202	68964	43.685	ng		97
77) Benzidine	12.680	184	26730	55.847	ng		97
78) Pyrene	12.786	202	68837	48.856	ng		98
80) Butylbenzylphthalate	13.404	149	32220	51.385	ng		99
81) Benzo(a)anthracene	13.974	228	53515	45.908	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	13588	44.214	ng	#	97
83) Chrysene	14.016	228	52053	46.191	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	47528	54.641	ng		98
85) Di-n-octyl phthalate	14.568	149	71025	51.757	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	39457	49.241	ng		94
88) Benzo(b)fluoranthene	15.015	252	47179	49.934	ng		98
89) Benzo(k)fluoranthene	15.045	252	39455	45.905	ng		98
90) Benzo(a)pyrene	15.380	252	39070	48.561	ng	#	96
91) Dibenzo(a,h)anthracene	16.909	278	33406	47.415	ng		95
92) Benzo(g,h,i)perylene	17.333	276	33989	50.293	ng	#	91

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

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