Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124280.D
Acq On : 12 Jun 2021 11:38
Operator : JU/CG
Sample : PB136924BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136924BS

Manual Integrations APPROVED
mohammad
6/14/2021 5:50:23 PM

Quant Time: Jun 14 04:24:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	42739	20.000	ng		-0.01
21) Naphthalene-d8	8.127	136	173796	20.000	ng		# 0.00
39) Acenaphthene-d10	9.880	164	100667	20.000	ng		-0.01
64) Phenanthrene-d10	11.368	188	187252	20.000	ng		# 0.00
76) Chrysene-d12	14.015	240	122014	20.000	ng		0.00
86) Perylene-d12	15.486	264	90333	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	363050	127.873	ng		0.00
7) Phenol-d6	6.492	99	444664	116.518	ng		0.00
23) Nitrobenzene-d5	7.410	82	342367	78.130	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	169166	118.612	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	664863	83.110	ng		0.00
79) Terphenyl-d14	12.957	244	732585	82.434	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	42216	33.977	ng		90
3) Pyridine	3.440	79	103519	32.531	ng	#	81
4) n-Nitrosodimethylamine	3.398	42	74738	39.527	ng	#	95
6) Aniline	6.504	93	157248	36.075	ng	#	1
8) 2-Chlorophenol	6.633	128	133734	42.332	ng		95
9) Benzaldehyde	6.392	77	84159	49.612	ng		95
10) Phenol	6.504	94	174134	42.222	ng	#	59
11) bis(2-Chloroethyl)ether	6.581	93	130168	43.294	ng		90
12) 1,3-Dichlorobenzene	6.781	146	156021	42.246	ng		95
13) 1,4-Dichlorobenzene	6.857	146	154769	41.779	ng		96
14) 1,2-Dichlorobenzene	7.010	146	154526	43.605	ng		99
15) Benzyl Alcohol	6.992	79	139349	40.505	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.116	45	187597	39.996	ng		66
17) 2-Methylphenol	7.104	107	108696	42.325	ng	#	87
18) Hexachloroethane	7.351	117	62636	42.935	ng		88
19) n-Nitroso-di-n-propyla...	7.263	70	114302	42.429	ng	#	84
20) 3+4-Methylphenols	7.257	107	143555	42.187	ng	#	86
22) Acetophenone	7.251	105	206854	41.751	ng		99
24) Nitrobenzene	7.428	77	162185	36.894	ng		93
25) Isophorone	7.669	82	278521	35.272	ng		96
26) 2-Nitrophenol	7.745	139	76437	38.925	ng		93
27) 2,4-Dimethylphenol	7.786	122	118492	42.792	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	171091	43.704	ng		96
29) 2,4-Dichlorophenol	7.992	162	125050	39.029	ng		92
30) 1,2,4-Trichlorobenzene	8.069	180	139991	38.987	ng		95
31) Naphthalene	8.151	128	393750	37.894	ng		99
32) Benzoic acid	7.939	122	72185	42.484	ng		95
33) 4-Chloroaniline	8.198	127	67389	17.437	ng	#	95
34) Hexachlorobutadiene	8.263	225	95749	37.752	ng		99
35) Caprolactam	8.586	113	31322m	35.584	ng		
36) 4-Chloro-3-methylphenol	8.692	107	132201	37.712	ng	#	81
37) 2-Methylnaphthalene	8.839	142	283704	38.935	ng		97
38) 1-Methylnaphthalene	8.939	142	260259	38.221	ng		95
40) 1,2,4,5-Tetrachloroben...	9.010	216	151993	42.615	ng		96
41) Hexachlorocyclopentadiene	8.992	237	122167	64.774	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	92598	39.807	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	96709	38.727	ng		92
46) 1,1'-Biphenyl	9.304	154	363849	42.817	ng		98
47) 2-Chloronaphthalene	9.333	162	275435	39.821	ng		96
48) 2-Nitroaniline	9.427	65	102210	40.947	ng		94
49) Acenaphthylene	9.745	152	415030	41.279	ng		97
50) Dimethylphthalate	9.610	163	348304	41.820	ng		99
51) 2,6-Dinitrotoluene	9.674	165	72963	38.207	ng	#	83
52) Acenaphthene	9.922	154	259382	39.499	ng		96
53) 3-Nitroaniline	9.839	138	45042	25.201	ng		86
54) 2,4-Dinitrophenol	9.957	184	72997	74.995	ng		89
55) Dibenzofuran	10.092	168	412333	40.119	ng		97
56) 4-Nitrophenol	10.022	139	92805	72.657	ng		89
57) 2,4-Dinitrotoluene	10.080	165	100187	39.780	ng	#	92
58) Fluorene	10.433	166	319328	40.476	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.216	232	78558	38.821	ng		93
60) Diethylphthalate	10.310	149	347561	41.350	ng		95
61) 4-Chlorophenyl-phenyle...	10.421	204	164736	40.838	ng		96
62) 4-Nitroaniline	10.463	138	70672	39.326	ng	#	85
63) Azobenzene	10.586	77	338784	38.667	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	54425	36.167	ng	#	69
66) n-Nitrosodiphenylamine	10.545	169	279956	39.349	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	100836	39.233	ng	#	83
68) Hexachlorobenzene	10.986	284	113696	39.056	ng		95
69) Atrazine	11.074	200	102653	50.969	ng		96
70) Pentachlorophenol	11.180	266	96823	64.101	ng		98
71) Phenanthrene	11.398	178	469953	40.176	ng		99
72) Anthracene	11.451	178	493540	41.895	ng		98
73) Carbazole	11.604	167	391513	38.137	ng		98
74) Di-n-butylphthalate	11.927	149	553830	41.978	ng		100
75) Fluoranthene	12.586	202	478598	38.979	ng		97
77) Benzidine	12.704	184	184984	63.609	ng	#	94
78) Pyrene	12.815	202	483040	41.227	ng		98
80) Butylbenzylphthalate	13.427	149	197229	41.496	ng		98
81) Benzo(a)anthracene	14.004	228	349601	39.331	ng		97
82) 3,3'-Dichlorobenzidine	13.962	252	75158	28.822	ng		99
83) Chrysene	14.045	228	344930	40.221	ng		97
84) Bis(2-ethylhexyl)phtha...	13.986	149	242416	42.877	ng		98
85) Di-n-octyl phthalate	14.598	149	329658	43.690	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.974	276	313055	42.213	ng		98
88) Benzo(b)fluoranthene	15.056	252	287098	40.914	ng	#	96
89) Benzo(k)fluoranthene	15.086	252	256087m	38.550	ng		
90) Benzo(a)pyrene	15.427	252	255972	41.998	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	260182	41.200	ng	#	96
92) Benzo(g,h,i)perylene	17.433	276	259887	41.595	ng		99

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

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