Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125502.D
Acq On : 15 Sep 2021 13:21
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
9/16/2021 11:44:35 AM

Quant Time: Sep 15 13:55:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 13:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	163962	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	590417	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	315804	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	581176	20.000	ng	0.00
76) Chrysene-d12	14.051	240	383386	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	303508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1077713	99.488	ng	0.00
7) Phenol-d6	6.516	99	1430500	102.106	ng	0.00
23) Nitrobenzene-d5	7.445	82	1331251	113.514	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	444335	140.950	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2245532	99.102	ng	0.00
79) Terphenyl-d14	12.992	244	2669692	110.934	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.658	88	283463	53.030	ng	# 100
3) Pyridine	3.422	79	766253	54.302	ng	# 90
4) n-Nitrosodimethylamine	3.405	42	383818	54.356	ng	# 43
6) Aniline	6.540	93	840381	51.066	ng	# 87
8) 2-Chlorophenol	6.663	128	564793	51.109	ng	80
9) Benzaldehyde	6.428	77	388899	39.554	ng	95
10) Phenol	6.528	94	761417	51.897	ng	# 68
11) bis(2-Chloroethyl)ether	6.610	93	604227	52.292	ng	# 83
12) 1,3-Dichlorobenzene	6.810	146	666261	52.029	ng	97
13) 1,4-Dichlorobenzene	6.887	146	658795	51.631	ng	96
14) 1,2-Dichlorobenzene	7.045	146	599723	49.959	ng	99
15) Benzyl Alcohol	7.022	79	529012	49.042	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1090020	47.038	ng	90
17) 2-Methylphenol	7.134	107	487808	52.549	ng	# 90
18) Hexachloroethane	7.381	117	241545	54.060	ng	# 87
19) n-Nitroso-di-n-propyla...	7.298	70	438743	52.065	ng	# 78
20) 3+4-Methylphenols	7.287	107	546751	46.921	ng	# 76
22) Acetophenone	7.287	105	767515	50.511	ng	# 81
24) Nitrobenzene	7.463	77	695514	54.427	ng	# 88
25) Isophorone	7.704	82	1300026	57.462	ng	# 89
26) 2-Nitrophenol	7.775	139	328620	64.402	ng	# 80
27) 2,4-Dimethylphenol	7.810	122	453415	50.757	ng	87
28) bis(2-Chloroethoxy)met...	7.904	93	688436	54.958	ng	# 96
29) 2,4-Dichlorophenol	8.016	162	527664	57.920	ng	94
30) 1,2,4-Trichlorobenzene	8.098	180	550729	55.437	ng	94
31) Naphthalene	8.181	128	1578751	52.212	ng	99
32) Benzoic acid	7.975	122	359300	59.260	ng	# 79
33) 4-Chloroaniline	8.228	127	656428	55.068	ng	# 88
34) Hexachlorobutadiene	8.292	225	360902	56.974	ng	98
35) Caprolactam	8.628	113	164300m	69.628	ng	
36) 4-Chloro-3-methylphenol	8.722	107	554183	59.587	ng	92
37) 2-Methylnaphthalene	8.869	142	1090848	54.594	ng	99
38) 1-Methylnaphthalene	8.969	142	1026150	54.996	ng	95
40) 1,2,4,5-Tetrachloroben...	9.034	216	557286	54.012	ng	97
41) Hexachlorocyclopentadiene	9.016	237	219358	40.466	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	392857	54.075	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	410509	53.709	ng		92
46) 1,1'-Biphenyl	9.339	154	1266120	49.729	ng		99
47) 2-Chloronaphthalene	9.363	162	1057722	51.122	ng		98
48) 2-Nitroaniline	9.463	65	394730	61.547	ng	#	83
49) Acenaphthylene	9.781	152	1532539	50.832	ng		98
50) Dimethylphthalate	9.645	163	1238398	56.587	ng	#	98
51) 2,6-Dinitrotoluene	9.704	165	285975	60.263	ng	#	79
52) Acenaphthene	9.951	154	940266	50.308	ng		98
53) 3-Nitroaniline	9.881	138	309546	60.488	ng	#	74
54) 2,4-Dinitrophenol	9.986	184	173860	92.752	ng	#	83
55) Dibenzofuran	10.122	168	1354461	50.355	ng		99
56) 4-Nitrophenol	10.045	139	239182	59.020	ng	#	76
57) 2,4-Dinitrotoluene	10.116	165	362693	63.150	ng	#	92
58) Fluorene	10.469	166	1091855	54.905	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	341862	60.270	ng	#	84
60) Diethylphthalate	10.339	149	1182362	55.418	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	564907	56.184	ng	#	84
62) 4-Nitroaniline	10.504	138	318745	69.265	ng	#	85
63) Azobenzene	10.616	77	1251485	52.296	ng		92
65) 4,6-Dinitro-2-methylph...	10.528	198	248656	80.839	ng		80
66) n-Nitrosodiphenylamine	10.581	169	1062308	51.048	ng		96
67) 4-Bromophenyl-phenylether	10.945	248	389961	55.877	ng		91
68) Hexachlorobenzene	11.016	284	423289	58.959	ng	#	83
69) Atrazine	11.104	200	309052	51.755	ng		91
70) Pentachlorophenol	11.210	266	227983	54.385	ng		90
71) Phenanthrene	11.433	178	1651817	51.582	ng		97
72) Anthracene	11.486	178	1634646	51.789	ng		98
73) Carbazole	11.639	167	1552732	53.832	ng		99
74) Di-n-butylphthalate	11.963	149	1758816	51.385	ng		100
75) Fluoranthene	12.622	202	1776188	55.899	ng		96
77) Benzidine	12.739	184	526233	39.301	ng		97
78) Pyrene	12.851	202	1802733	54.816	ng		95
80) Butylbenzylphthalate	13.463	149	741300	57.365	ng	#	93
81) Benzo(a)anthracene	14.039	228	1547594	56.025	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	444935	51.962	ng	#	98
83) Chrysene	14.080	228	1460450	53.461	ng		96
84) Bis(2-ethylhexyl)phtha...	14.016	149	964050	54.280	ng	#	99
85) Di-n-octyl phthalate	14.633	149	1533400	51.910	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	1228963	56.206	ng	#	89
88) Benzo(b)fluoranthene	15.098	252	1316644	59.379	ng	#	94
89) Benzo(k)fluoranthene	15.133	252	1159747	56.050	ng		99
90) Benzo(a)pyrene	15.474	252	1101817	56.253	ng	#	97
91) Dibenzo(a,h)anthracene	17.057	278	1021587	54.051	ng	#	95
92) Benzo(g,h,i)perylene	17.504	276	1054023	57.837	ng	#	86

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

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