Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125900.D
Acq On : 19 Oct 2021 15:15
Operator : JU/CG
Sample : M4273-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-LA-4/2-WCMSD

Manual Integrations APPROVED
mohammad
10/20/2021 1:54:27 PM

Quant Time: Oct 19 16:46:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 18 12:43:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	149626	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	605307	20.00	ng		# 0.00
39) Acenaphthene-d10	9.857	164	313936	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	486580	20.00	ng		# 0.00
76) Chrysene-d12	13.974	240	330846	20.00	ng		0.00
86) Perylene-d12	15.421	264	318498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	895299	97.75	ng		0.00
7) Phenol-d6	6.451	99	1097925	93.12	ng		0.00
23) Nitrobenzene-d5	7.387	82	646512	66.39	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	294969	95.17	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1231713	67.67	ng		0.00
79) Terphenyl-d14	12.921	244	999198	46.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	159265	40.84	ng	#	100
3) Pyridine	3.322	79	336217	33.32	ng	#	71
4) n-Nitrosodimethylamine	3.263	42	161375	44.44	ng	#	1
6) Aniline	6.487	93	309544	22.80	ng		94
8) 2-Chlorophenol	6.610	128	457133	45.57	ng		95
9) Benzaldehyde	6.369	77	233657	36.52	ng		93
10) Phenol	6.469	94	546709	47.68	ng		87
11) bis(2-Chloroethyl)ether	6.557	93	400256	43.08	ng		97
12) 1,3-Dichlorobenzene	6.763	146	466935	42.67	ng		97
13) 1,4-Dichlorobenzene	6.840	146	475982	42.65	ng		98
14) 1,2-Dichlorobenzene	6.992	146	456360	43.66	ng		100
15) Benzyl Alcohol	6.963	79	344508	44.09	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.104	45	480455	40.44	ng		86
17) 2-Methylphenol	7.075	107	351689	44.04	ng		98
18) Hexachloroethane	7.340	117	162882	42.38	ng	#	87
19) n-Nitroso-di-n-propyla...	7.234	70	258709	41.56	ng	#	70
20) 3+4-Methylphenols	7.228	107	431101	43.77	ng	#	85
22) Acetophenone	7.234	105	560380	42.11	ng	#	93
24) Nitrobenzene	7.404	77	418027	44.29	ng		98
25) Isophorone	7.645	82	737430	42.74	ng		94
26) 2-Nitrophenol	7.722	139	240118	50.32	ng	#	93
27) 2,4-Dimethylphenol	7.757	122	391546	49.27	ng		96
28) bis(2-Chloroethoxy)met...	7.857	93	478246	39.94	ng		99
29) 2,4-Dichlorophenol	7.963	162	372077	43.46	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	382510	40.74	ng		99
31) Naphthalene	8.128	128	1273433	43.51	ng		98
32) Benzoic acid	7.875	122	290663	52.01	ng		99
33) 4-Chloroaniline	8.169	127	97942	8.00	ng		98
34) Hexachlorobutadiene	8.245	225	206715	39.42	ng		99
35) Caprolactam	8.539	113	129782m	52.47	ng		
36) 4-Chloro-3-methylphenol	8.657	107	374364	44.76	ng		99
37) 2-Methylnaphthalene	8.816	142	849328	44.81	ng		100
38) 1-Methylnaphthalene	8.916	142	796459	43.30	ng		96
40) 1,2,4,5-Tetrachloroben...	8.986	216	353653	41.97	ng		98
41) Hexachlorocyclopentadiene	8.975	237	261888	63.33	ng		96
43) 2,4,6-Trichlorophenol	9.092	196	262207	42.94	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	282624	43.52	ng		91
46) 1,1'-Biphenyl	9.281	154	959490	41.57	ng		98
47) 2-Chloronaphthalene	9.304	162	798811	42.62	ng		98
48) 2-Nitroaniline	9.398	65	215828	47.97	ng		93
49) Acenaphthylene	9.722	152	1217621	44.37	ng		98
50) Dimethylphthalate	9.581	163	876898	42.43	ng		98
51) 2,6-Dinitrotoluene	9.639	165	202612	48.50	ng		94
52) Acenaphthene	9.892	154	794758	46.35	ng		98
53) 3-Nitroaniline	9.804	138	141403	28.63	ng		88
54) 2,4-Dinitrophenol	9.916	184	140455	79.21	ng	#	68
55) Dibenzofuran	10.063	168	1090035	42.44	ng		96
56) 4-Nitrophenol	9.969	139	331370	90.00	ng		88
57) 2,4-Dinitrotoluene	10.045	165	263497	49.89	ng	#	79
58) Fluorene	10.404	166	836016	44.44	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	206812	42.20	ng	#	89
60) Diethylphthalate	10.280	149	829985	42.09	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	368625	40.68	ng		89
62) 4-Nitroaniline	10.422	138	192170	42.10	ng	#	70
63) Azobenzene	10.557	77	748376	40.38	ng	#	84
65) 4,6-Dinitro-2-methylph...	10.451	198	95738	39.44	ng	#	70
66) n-Nitrosodiphenylamine	10.516	169	730663	44.02	ng		97
67) 4-Bromophenyl-phenylether	10.886	248	226242	41.98	ng		97
68) Hexachlorobenzene	10.957	284	264635	43.33	ng	#	81
69) Atrazine	11.039	200	216399	44.92	ng		95
70) Pentachlorophenol	11.145	266	275708	84.46	ng		96
71) Phenanthrene	11.369	178	1358546	52.18	ng		97
72) Anthracene	11.416	178	1217922	46.84	ng		99
73) Carbazole	11.569	167	1017691	42.05	ng		99
74) Di-n-butylphthalate	11.904	149	1184038	44.32	ng		99
75) Fluoranthene	12.551	202	1474704	62.78	ng		96
77) Benzidine	12.669	184	176537	14.58	ng		99
78) Pyrene	12.780	202	1401813	41.71	ng		95
80) Butylbenzylphthalate	13.398	149	425257	39.47	ng		99
81) Benzo(a)anthracene	13.968	228	1098131	51.16	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	183570	27.07	ng		96
83) Chrysene	14.004	228	1060227	49.97	ng		97
84) Bis(2-ethylhexyl)phtha...	13.957	149	513059	43.77	ng		99
85) Di-n-octyl phthalate	14.568	149	943047	48.28	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.862	276	788302	32.43	ng		97
88) Benzo(b)fluoranthene	15.010	252	1163191	64.69	ng		97
89) Benzo(k)fluoranthene	15.039	252	937669	50.79	ng		99
90) Benzo(a)pyrene	15.368	252	1002423	62.95	ng		97
91) Dibenzo(a,h)anthracene	16.880	278	600528	29.95	ng		99
92) Benzo(g,h,i)perylene	17.304	276	646753	31.58	ng		93

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

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