Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125940.D
Acq On : 26 Oct 2021 18:28
Operator : JU/CG
Sample : M4340-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TH-EDMSD

Manual Integrations APPROVED
mohammad
10/27/2021 11:48:59 AM

Quant Time: Oct 27 09:03:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	174074	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	711583	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	405401	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	709784	20.000	ng	0.00
76) Chrysene-d12	14.027	240	338296	20.000	ng	0.00
86) Perylene-d12	15.498	264	348195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1125256	96.287	ng	0.00
7) Phenol-d6	6.492	99	1444146	90.096	ng	0.00
23) Nitrobenzene-d5	7.433	82	976464	70.881	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	359764	101.799	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1523426	66.454	ng	0.00
79) Terphenyl-d14	12.974	244	1413525	68.347	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	230995	40.452	ng	# 100
3) Pyridine	3.475	79	522560	34.561	ng	# 85
4) n-Nitrosodimethylamine	3.410	42	415895	42.885	ng	# 71
6) Aniline	6.528	93	760983	40.306	ng	# 89
8) 2-Chlorophenol	6.651	128	568793	48.220	ng	# 75
9) Benzaldehyde	6.416	77	345521	36.024	ng	94
10) Phenol	6.510	94	753681	48.766	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	582790	46.825	ng	# 81
12) 1,3-Dichlorobenzene	6.810	146	563392	43.237	ng	96
13) 1,4-Dichlorobenzene	6.886	146	573365	43.987	ng	95
14) 1,2-Dichlorobenzene	7.039	146	558334	44.189	ng	96
15) Benzyl Alcohol	7.010	79	559441	46.103	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1333431	43.746	ng	97
17) 2-Methylphenol	7.116	107	474954	46.616	ng	# 94
18) Hexachloroethane	7.386	117	232269	46.999	ng	# 89
19) n-Nitroso-di-n-propyla...	7.286	70	423522	46.246	ng	# 89
20) 3+4-Methylphenols	7.269	107	551038	42.309	ng	86
22) Acetophenone	7.281	105	766620	41.728	ng	# 89
24) Nitrobenzene	7.451	77	665712	46.803	ng	89
25) Isophorone	7.692	82	1199683	45.729	ng	# 86
26) 2-Nitrophenol	7.763	139	278697	60.431	ng	# 65
27) 2,4-Dimethylphenol	7.804	122	512697	50.065	ng	90
28) bis(2-Chloroethoxy)met...	7.904	93	710858	43.189	ng	97
29) 2,4-Dichlorophenol	8.004	162	448649	44.693	ng	89
30) 1,2,4-Trichlorobenzene	8.092	180	495613	42.095	ng	98
31) Naphthalene	8.175	128	1543599	42.662	ng	99
32) Benzoic acid	7.922	122	401030	53.164	ng	# 85
33) 4-Chloroaniline	8.216	127	431495	28.939	ng	# 88
34) Hexachlorobutadiene	8.292	225	312257	42.199	ng	97
35) Caprolactam	8.598	113	160844m	48.946	ng	
36) 4-Chloro-3-methylphenol	8.698	107	539663	45.936	ng	88
37) 2-Methylnaphthalene	8.863	142	1071552	46.010	ng	91
38) 1-Methylnaphthalene	8.963	142	997434	44.374	ng	88
40) 1,2,4,5-Tetrachloroben...	9.033	216	451262	40.408	ng	98
41) Hexachlorocyclopentadiene	9.022	237	584347	96.880	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	344299	45.173	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	355658	44.229	ng		96
46) 1,1'-Biphenyl	9.327	154	1231900	41.488	ng		98
47) 2-Chloronaphthalene	9.351	162	929125	41.502	ng		95
48) 2-Nitroaniline	9.445	65	420292	52.561	ng	#	69
49) Acenaphthylene	9.769	152	1464083	43.294	ng		98
50) Dimethylphthalate	9.633	163	1101141	43.849	ng	#	97
51) 2,6-Dinitrotoluene	9.686	165	269792	54.468	ng	#	62
52) Acenaphthene	9.939	154	1057731	48.128	ng		100
53) 3-Nitroaniline	9.857	138	195639	34.454	ng	#	72
54) 2,4-Dinitrophenol	9.963	184	235200	110.249	ng	#	86
55) Dibenzofuran	10.116	168	1346326	41.014	ng		97
56) 4-Nitrophenol	10.016	139	408190	92.509	ng	#	61
57) 2,4-Dinitrotoluene	10.092	165	354307	58.237	ng	#	91
58) Fluorene	10.457	166	979347	47.622	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	294889	44.927	ng	#	90
60) Diethylphthalate	10.333	149	1170228	45.685	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	471494	39.032	ng		89
62) 4-Nitroaniline	10.474	138	250056	47.996	ng		90
63) Azobenzene	10.610	77	1292114	43.735	ng		95
65) 4,6-Dinitro-2-methylph...	10.498	198	167094	52.900	ng		95
66) n-Nitrosodiphenylamine	10.569	169	936784	44.064	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	338318	44.620	ng		92
68) Hexachlorobenzene	11.004	284	360257	45.068	ng	#	87
69) Atrazine	11.098	200	320534	47.606	ng		91
70) Pentachlorophenol	11.192	266	393566	87.211	ng		94
71) Phenanthrene	11.416	178	1559407	42.341	ng		97
72) Anthracene	11.469	178	1613293	43.872	ng		98
73) Carbazole	11.621	167	1379910	39.475	ng		98
74) Di-n-butylphthalate	11.957	149	1706108	45.811	ng		99
75) Fluoranthene	12.604	202	1517828	40.881	ng		98
77) Benzidine	12.721	184	637295	60.393	ng		98
78) Pyrene	12.833	202	1510259	47.972	ng		97
80) Butylbenzylphthalate	13.457	149	578998	56.538	ng	#	85
81) Benzo(a)anthracene	14.015	228	990844	43.517	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	308892	42.785	ng		96
83) Chrysene	14.057	228	1053924	45.750	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	677107	61.030	ng		99
85) Di-n-octyl phthalate	14.633	149	1172957	68.243	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.962	276	1208201	48.165	ng	#	91
88) Benzo(b)fluoranthene	15.068	252	1078874	46.942	ng	#	96
89) Benzo(k)fluoranthene	15.098	252	914511	41.425	ng		100
90) Benzo(a)pyrene	15.439	252	1006250	54.233	ng	#	95
91) Dibenzo(a,h)anthracene	16.986	278	992893	48.859	ng	#	94
92) Benzo(g,h,i)perylene	17.409	276	1033903	48.696	ng	#	87

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

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