Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125993.D
Acq On : 28 Oct 2021 17:25
Operator : JU/CG
Sample : M4388-01MSD 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12002MSD

Manual Integrations APPROVED
mohammad
10/29/2021 3:02:00 PM

Quant Time: Oct 29 10:40:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:01:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	184770	20.000	ng	# 0.00
21) Naphthalene-d8	8.139	136	735643	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	391456	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	645679	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	367358	20.000	ng	0.00
86) Perylene-d12	15.486	264	348393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	288196	23.233	ng	-0.01
7) Phenol-d6	6.481	99	361673	21.257	ng	0.00
23) Nitrobenzene-d5	7.416	82	221631	15.562	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	73931	21.665	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	391692	17.695	ng	0.00
79) Terphenyl-d14	12.963	244	354684	15.793	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	41663	6.874	ng	# 100
3) Pyridine	3.357	79	93281	5.812	ng	90
4) n-Nitrosodimethylamine	3.269	42	67286	6.537	ng	# 57
6) Aniline	6.516	93	123545	6.165	ng	# 91
8) 2-Chlorophenol	6.640	128	123751	9.884	ng	# 80
9) Benzaldehyde	6.404	77	91775	9.015	ng	94
10) Phenol	6.492	94	168754m	10.287	ng	
11) bis(2-Chloroethyl)ether	6.587	93	129842	9.828	ng	# 80
12) 1,3-Dichlorobenzene	6.798	146	127323	9.206	ng	95
13) 1,4-Dichlorobenzene	6.875	146	132207	9.555	ng	95
14) 1,2-Dichlorobenzene	7.028	146	127527	9.509	ng	98
15) Benzyl Alcohol	6.992	79	112057	8.700	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	252733	7.812	ng	99
17) 2-Methylphenol	7.104	107	105985	9.800	ng	98
18) Hexachloroethane	7.375	117	35366	6.742	ng	# 80
19) n-Nitroso-di-n-propyla...	7.263	70	96567	9.934	ng	# 81
20) 3+4-Methylphenols	7.257	107	142758	10.326	ng	# 86
22) Acetophenone	7.263	105	183564	9.665	ng	# 90
24) Nitrobenzene	7.434	77	143255	9.742	ng	91
25) Isophorone	7.675	82	252715	9.318	ng	# 87
26) 2-Nitrophenol	7.757	139	54030	11.332	ng	# 81
27) 2,4-Dimethylphenol	7.787	122	110628	10.450	ng	92
28) bis(2-Chloroethoxy)met...	7.887	93	161179	9.472	ng	# 97
29) 2,4-Dichlorophenol	7.992	162	96675	9.316	ng	90
30) 1,2,4-Trichlorobenzene	8.081	180	111407	9.153	ng	95
31) Naphthalene	8.163	128	372150	9.949	ng	98
32) Benzoic acid	7.857	122	73695	12.879	ng	# 82
33) 4-Chloroaniline	8.210	127	92509	6.001	ng	# 92
34) Hexachlorobutadiene	8.287	225	65750	8.595	ng	98
35) Caprolactam	8.545	113	31933	9.400	ng	# 41
36) 4-Chloro-3-methylphenol	8.681	107	110496	9.098	ng	93
37) 2-Methylnaphthalene	8.851	142	250091	10.387	ng	91
38) 1-Methylnaphthalene	8.951	142	232150	9.990	ng	90
40) 1,2,4,5-Tetrachloroben...	9.022	216	107040	9.926	ng	98
41) Hexachlorocyclopentadiene	9.010	237	11717	2.012	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	68119	9.256	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	72425	9.328	ng		96
46) 1,1'-Biphenyl	9.316	154	285840	9.969	ng		98
47) 2-Chloronaphthalene	9.339	162	204932	9.480	ng		96
48) 2-Nitroaniline	9.428	65	82030	10.624	ng	#	69
49) Acenaphthylene	9.757	152	345975	10.595	ng		96
50) Dimethylphthalate	9.610	163	240692	9.926	ng		96
51) 2,6-Dinitrotoluene	9.669	165	48276	10.094	ng	#	72
52) Acenaphthene	9.928	154	263110	12.398	ng		96
53) 3-Nitroaniline	9.839	138	44164	8.055	ng	#	72
54) 2,4-Dinitrophenol	9.945	184	16238	14.495	ng		94
55) Dibenzofuran	10.098	168	335011	10.569	ng		92
56) 4-Nitrophenol	9.992	139	78511	18.427	ng	#	73
57) 2,4-Dinitrotoluene	10.075	165	58344	9.931	ng	#	98
58) Fluorene	10.439	166	275405	10.318	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	57092	9.008	ng	#	86
60) Diethylphthalate	10.310	149	232396	9.396	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	108464	9.299	ng		88
62) 4-Nitroaniline	10.445	138	48465m	9.634	ng		
63) Azobenzene	10.592	77	247895	8.690	ng		92
65) 4,6-Dinitro-2-methylph...	10.480	198	13579	10.249	ng		96
66) n-Nitrosodiphenylamine	10.551	169	200757	10.381	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	67246	9.749	ng		98
68) Hexachlorobenzene	10.992	284	68062	9.360	ng	#	88
69) Atrazine	11.080	200	63028	10.290	ng		90
70) Pentachlorophenol	11.186	266	74910	18.248	ng		95
71) Phenanthrene	11.410	178	1626117	48.536	ng		98
72) Anthracene	11.457	178	512946	15.334	ng		100
73) Carbazole	11.604	167	424536	13.350	ng		97
74) Di-n-butylphthalate	11.945	149	362973	10.714	ng		99
75) Fluoranthene	12.604	202	2501608	74.068	ng		97
78) Pyrene	12.827	202	2249334	65.796	ng		96
80) Butylbenzylphthalate	13.439	149	136227	12.250	ng	#	82
81) Benzo(a)anthracene	14.010	228	990197	40.049	ng		95
82) 3,3'-Dichlorobenzidine	13.968	252	24612	3.139	ng	#	96
83) Chrysene	14.051	228	1091628	43.637	ng		98
84) Bis(2-ethylhexyl)phtha...	14.004	149	197212	16.369	ng		97
85) Di-n-octyl phthalate	14.616	149	289713	15.522	ng	#	96
87) Indeno(1,2,3-cd)pyrene	16.951	276	538495m	21.455	ng		
88) Benzo(b)fluoranthene	15.068	252	1243747	54.085	ng		97
89) Benzo(k)fluoranthene	15.092	252	545288m	24.686	ng		
90) Benzo(a)pyrene	15.427	252	824369	44.405	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	231578	11.389	ng		98
92) Benzo(g,h,i)perylene	17.392	276	469379m	22.095	ng		

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

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