Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125931.D
Acq On : 26 Oct 2021 13:14
Operator : JU/CG
Sample : M4325-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RED-BOX-1-225057MSD

Manual Integrations APPROVED
mohammad
10/27/2021 11:48:50 AM

Quant Time: Oct 26 14:43:31 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	137250	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	570435	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	327225	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	615738	20.000	ng	0.00
76) Chrysene-d12	14.033	240	385350	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	318139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1087372	118.009	ng	0.00
7) Phenol-d6	6.493	99	1395233	110.398	ng	0.00
23) Nitrobenzene-d5	7.434	82	944264	85.504	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	360958	126.538	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1469055	79.392	ng	0.00
79) Terphenyl-d14	12.980	244	1653952	70.207	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	196178	43.572	ng	# 100
3) Pyridine	3.452	79	461578	38.718	ng	# 86
4) n-Nitrosodimethylamine	3.381	42	363546	47.545	ng	# 73
6) Aniline	6.528	93	553641	37.191	ng	# 90
8) 2-Chlorophenol	6.651	128	473104	50.868	ng	# 77
9) Benzaldehyde	6.416	77	305675	40.420	ng	93
10) Phenol	6.504	94	608897m	49.968	ng	
11) bis(2-Chloroethyl)ether	6.604	93	491115	50.046	ng	# 79
12) 1,3-Dichlorobenzene	6.810	146	488734	47.570	ng	95
13) 1,4-Dichlorobenzene	6.887	146	490987	47.773	ng	95
14) 1,2-Dichlorobenzene	7.040	146	479678	48.150	ng	96
15) Benzyl Alcohol	7.010	79	482454	50.426	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1161419	48.326	ng	96
17) 2-Methylphenol	7.116	107	410106	51.050	ng	94
18) Hexachloroethane	7.387	117	192438	49.386	ng	# 85
19) n-Nitroso-di-n-propyla...	7.287	70	362331	50.180	ng	# 92
20) 3+4-Methylphenols	7.269	107	471080	45.874	ng	89
22) Acetophenone	7.281	105	662105	44.956	ng	# 88
24) Nitrobenzene	7.451	77	563616	49.430	ng	# 88
25) Isophorone	7.692	82	1004135	47.746	ng	# 87
26) 2-Nitrophenol	7.763	139	233989	63.292	ng	# 65
27) 2,4-Dimethylphenol	7.804	122	451877	55.045	ng	90
28) bis(2-Chloroethoxy)met...	7.898	93	602314	45.649	ng	# 96
29) 2,4-Dichlorophenol	8.004	162	378425	47.026	ng	90
30) 1,2,4-Trichlorobenzene	8.092	180	428946	45.447	ng	96
31) Naphthalene	8.175	128	1322433	45.593	ng	99
32) Benzoic acid	7.922	122	308689	51.214	ng	87
33) 4-Chloroaniline	8.216	127	204799	17.134	ng	# 89
34) Hexachlorobutadiene	8.292	225	262245	44.210	ng	98
35) Caprolactam	8.592	113	142559m	54.116	ng	
36) 4-Chloro-3-methylphenol	8.698	107	461015	48.951	ng	# 88
37) 2-Methylnaphthalene	8.863	142	897961	48.097	ng	93
38) 1-Methylnaphthalene	8.963	142	842126	46.735	ng	88
40) 1,2,4,5-Tetrachloroben...	9.034	216	386720	42.901	ng	97
41) Hexachlorocyclopentadiene	9.022	237	502655	103.245	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	293839	47.762	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	303275	46.725	ng		97
46) 1,1'-Biphenyl	9.328	154	1056279	44.072	ng		98
47) 2-Chloronaphthalene	9.351	162	812228	44.948	ng		96
48) 2-Nitroaniline	9.445	65	359224	55.656	ng	#	71
49) Acenaphthylene	9.769	152	1262307	46.245	ng		98
50) Dimethylphthalate	9.633	163	944019	46.573	ng		98
51) 2,6-Dinitrotoluene	9.686	165	223662	55.943	ng	#	61
52) Acenaphthene	9.939	154	899281	50.694	ng		99
53) 3-Nitroaniline	9.851	138	137326	29.963	ng	#	60
54) 2,4-Dinitrophenol	9.957	184	186525	108.446	ng	#	75
55) Dibenzofuran	10.116	168	1173903	44.305	ng		94
56) 4-Nitrophenol	10.010	139	373536	104.879	ng	#	53
57) 2,4-Dinitrotoluene	10.092	165	307947	62.709	ng	#	94
58) Fluorene	10.457	166	862989	52.449	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	254334	48.006	ng	#	90
60) Diethylphthalate	10.333	149	994288	48.090	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	413892	42.450	ng		94
62) 4-Nitroaniline	10.469	138	222447	52.897	ng		90
63) Azobenzene	10.610	77	1108792	46.497	ng		95
65) 4,6-Dinitro-2-methylph...	10.498	198	139452	51.123	ng		92
66) n-Nitrosodiphenylamine	10.569	169	817131	44.306	ng		97
67) 4-Bromophenyl-phenylether	10.939	248	294477	44.770	ng		94
68) Hexachlorobenzene	11.004	284	313204	45.166	ng	#	87
69) Atrazine	11.092	200	297551	50.942	ng		94
70) Pentachlorophenol	11.192	266	356052	90.949	ng		94
71) Phenanthrene	11.416	178	1418161	44.387	ng		98
72) Anthracene	11.469	178	1450763	45.478	ng		98
73) Carbazole	11.622	167	1317616	43.450	ng		99
74) Di-n-butylphthalate	11.957	149	1571398	48.639	ng		99
75) Fluoranthene	12.604	202	1517470	47.114	ng		97
77) Benzidine	12.722	184	505539	42.058	ng		98
78) Pyrene	12.833	202	1542031	43.000	ng		97
80) Butylbenzylphthalate	13.457	149	659508	56.536	ng	#	81
81) Benzo(a)anthracene	14.021	228	1138211	43.886	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	327149	39.781	ng		99
83) Chrysene	14.057	228	1242187	47.338	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	769063	60.854	ng		98
85) Di-n-octyl phthalate	14.633	149	1396534	71.329	ng	#	92
87) Indeno(1,2,3-cd)pyrene	16.968	276	1095336	47.791	ng	#	91
88) Benzo(b)fluoranthene	15.068	252	1072822	51.089	ng	#	96
89) Benzo(k)fluoranthene	15.104	252	978622	48.517	ng		99
90) Benzo(a)pyrene	15.439	252	973202	57.408	ng	#	97
91) Dibenzo(a,h)anthracene	16.992	278	909639	48.991	ng	#	94
92) Benzo(g,h,i)perylene	17.415	276	949188	48.930	ng	#	86

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

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