Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
Data File : BF125862.D
Acq On : 15 Oct 2021 14:50
Operator : JU/CG
Sample : M4227-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-21502-05MS

Manual Integrations APPROVED
mohammad
10/19/2021 12:06:40 PM

Quant Time: Oct 15 16:16:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 15:00:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	195979	20.00	ng		0.00
21) Naphthalene-d8	8.116	136	806434	20.00	ng		# 0.00
39) Acenaphthene-d10	9.869	164	426848	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	677131	20.00	ng		# 0.00
76) Chrysene-d12	13.986	240	400252	20.00	ng		0.00
86) Perylene-d12	15.439	264	433779	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1303944	108.69	ng		0.01
7) Phenol-d6	6.469	99	1636448	105.96	ng		0.00
23) Nitrobenzene-d5	7.398	82	1003456	77.35	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	472069	112.02	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1951879	78.87	ng		0.00
79) Terphenyl-d14	12.933	244	1682242	64.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	206132	40.35	ng	#	100
3) Pyridine	3.399	79	460943	34.88	ng	#	73
4) n-Nitrosodimethylamine	3.346	42	209403	44.02	ng	#	1
6) Aniline	6.498	93	615181	34.60	ng		94
8) 2-Chlorophenol	6.622	128	602851	45.88	ng		97
9) Benzaldehyde	6.381	77	316340	37.74	ng		95
10) Phenol	6.481	94	695002	46.28	ng		92
11) bis(2-Chloroethyl)ether	6.569	93	538051	44.22	ng		98
12) 1,3-Dichlorobenzene	6.775	146	615383	42.93	ng		97
13) 1,4-Dichlorobenzene	6.851	146	623520	42.65	ng		98
14) 1,2-Dichlorobenzene	7.004	146	602394	44.00	ng		100
15) Benzyl Alcohol	6.975	79	457416	44.69	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.110	45	676913	43.50	ng		87
17) 2-Methylphenol	7.087	107	457672	43.75	ng		98
18) Hexachloroethane	7.351	117	222324	44.17	ng	#	86
19) n-Nitroso-di-n-propyla...	7.251	70	354285	43.46	ng	#	68
20) 3+4-Methylphenols	7.240	107	541267	41.96	ng	#	84
22) Acetophenone	7.245	105	734395	41.43	ng		94
24) Nitrobenzene	7.416	77	555172	44.16	ng		98
25) Isophorone	7.657	82	1010875	43.98	ng		94
26) 2-Nitrophenol	7.734	139	323192	50.83	ng	#	93
27) 2,4-Dimethylphenol	7.769	122	522266	49.33	ng		96
28) bis(2-Chloroethoxy)met...	7.863	93	664235	41.64	ng		98
29) 2,4-Dichlorophenol	7.975	162	490841	43.03	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	515068	41.18	ng		97
31) Naphthalene	8.139	128	1661280	42.61	ng		99
32) Benzoic acid	7.892	122	300340	40.34	ng		98
33) 4-Chloroaniline	8.181	127	303912	18.62	ng		99
34) Hexachlorobutadiene	8.257	225	285320	40.84	ng		99
35) Caprolactam	8.557	113	159131m	48.29	ng		
36) 4-Chloro-3-methylphenol	8.669	107	495804	44.49	ng		98
37) 2-Methylnaphthalene	8.828	142	1135640	44.97	ng		100
38) 1-Methylnaphthalene	8.928	142	1052568	42.96	ng		97
40) 1,2,4,5-Tetrachloroben...	8.998	216	462303	40.35	ng		99
41) Hexachlorocyclopentadiene	8.986	237	482927	85.89	ng		99
43) 2,4,6-Trichlorophenol	9.104	196	352176	42.42	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	371296	42.05	ng		93
46) 1,1'-Biphenyl	9.292	154	1273914	40.59	ng		98
47) 2-Chloronaphthalene	9.316	162	1064566	41.78	ng		98
48) 2-Nitroaniline	9.410	65	283142	46.29	ng		92
49) Acenaphthylene	9.733	152	1591460	42.65	ng		98
50) Dimethylphthalate	9.592	163	1213221	43.18	ng		97
51) 2,6-Dinitrotoluene	9.651	165	278601	49.05	ng		92
52) Acenaphthene	9.904	154	1065382	45.70	ng		97
53) 3-Nitroaniline	9.822	138	213125	31.74	ng		96
54) 2,4-Dinitrophenol	9.928	184	232831	96.58	ng	#	72
55) Dibenzofuran	10.075	168	1436609	41.13	ng		96
56) 4-Nitrophenol	9.986	139	458297	91.55	ng	#	82
57) 2,4-Dinitrotoluene	10.057	165	365337	50.87	ng	#	80
58) Fluorene	10.416	166	1076332	42.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	278572	41.80	ng	#	89
60) Diethylphthalate	10.292	149	1164958	43.45	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	495794	40.24	ng		88
62) 4-Nitroaniline	10.433	138	282800	45.57	ng	#	75
63) Azobenzene	10.569	77	1042020	41.35	ng		84
65) 4,6-Dinitro-2-methylph...	10.463	198	160571	47.54	ng	#	75
66) n-Nitrosodiphenylamine	10.528	169	984327	42.61	ng		96
67) 4-Bromophenyl-phenylether	10.898	248	318821	42.51	ng		97
68) Hexachlorobenzene	10.969	284	357478	42.06	ng	#	81
69) Atrazine	11.057	200	313394	46.74	ng		92
70) Pentachlorophenol	11.157	266	360516	79.36	ng		96
71) Phenanthrene	11.380	178	1521730	42.00	ng		98
72) Anthracene	11.427	178	1573157	43.48	ng		98
73) Carbazole	11.580	167	1376049	40.86	ng		99
74) Di-n-butylphthalate	11.910	149	1714426	46.11	ng		99
75) Fluoranthene	12.563	202	1394880	42.67	ng		97
77) Benzidine	12.680	184	601676	41.08	ng		98
78) Pyrene	12.792	202	1386599	34.10	ng		97
80) Butylbenzylphthalate	13.404	149	593016	45.50	ng		96
81) Benzo(a)anthracene	13.974	228	1058430	40.76	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	341462	41.62	ng		99
83) Chrysene	14.016	228	1095838	42.69	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	759684	53.57	ng	#	97
85) Di-n-octyl phthalate	14.574	149	1289622	54.58	ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.886	276	1272960	38.45	ng		97
88) Benzo(b)fluoranthene	15.015	252	1246857	50.91	ng		97
89) Benzo(k)fluoranthene	15.045	252	1044644	41.55	ng	#	98
90) Benzo(a)pyrene	15.380	252	1131648	52.18	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	1052369	38.53	ng		99
92) Benzo(g,h,i)perylene	17.327	276	1051457	37.70	ng		93

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

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