Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
Data File : BP004543.D
Acq On : 13 Jan 2021 18:21
Operator : CG/JU
Sample : M1068-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-066-BMSD

Manual Integrations APPROVED
mohammad
1/14/2021 3:50:15 PM

Quant Time: Jan 13 21:51:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	244567	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	889198	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	565334	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1306071	20.00	ng		0.00
76) Chrysene-d12	21.322	240	1464847	20.00	ng		0.00
86) Perylene-d12	23.680	264	1705971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1143308	81.48	ng		0.00
7) Phenol-d6	6.993	99	1391714	72.41	ng		0.00
23) Nitrobenzene-d5	8.969	82	784449	49.88	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	859051	87.40	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	2060536	47.38	ng		0.00
79) Terphenyl-d14	19.792	244	3338163	41.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	208628	36.78	ng	#	93
3) Pyridine	3.723	79	550135	36.19	ng		95
4) n-Nitrosodimethylamine	3.640	42	195123	40.60	ng		92
6) Aniline	7.140	93	417302	19.09	ng		97
8) 2-Chlorophenol	7.381	128	672589	42.21	ng		95
9) Benzaldehyde	6.952	77	94210	8.69	ng		89
10) Phenol	7.016	94	792260	43.00	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	589583	39.98	ng		96
12) 1,3-Dichlorobenzene	7.705	146	788275	40.01	ng		99
13) 1,4-Dichlorobenzene	7.846	146	795126	39.89	ng		98
14) 1,2-Dichlorobenzene	8.163	146	761801	40.02	ng		99
15) Benzyl Alcohol	8.052	79	490223	39.37	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	547215	34.99	ng		94
17) 2-Methylphenol	8.263	107	525277	40.40	ng		99
18) Hexachloroethane	8.887	117	249171	36.17	ng		92
19) n-Nitroso-di-n-propyla...	8.616	70	384159	35.64	ng		95
20) 3+4-Methylphenols	8.587	107	706927	39.85	ng		98
22) Acetophenone	8.634	105	885806	40.36	ng	#	97
24) Nitrobenzene	9.016	77	613501	39.87	ng		93
25) Isophorone	9.534	82	1119300	39.46	ng		96
26) 2-Nitrophenol	9.722	139	360349	42.48	ng		94
27) 2,4-Dimethylphenol	9.793	122	583365	49.65	ng		100
28) bis(2-Chloroethoxy)met...	10.022	93	715568	36.77	ng		99
29) 2,4-Dichlorophenol	10.263	162	672361	43.09	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	759424	40.46	ng		98
31) Naphthalene	10.663	128	2015757	41.27	ng		100
32) Benzoic acid	9.952	122	403289	42.20	ng		91
33) 4-Chloroaniline	10.775	127	284403	13.48	ng		98
34) Hexachlorobutadiene	10.946	225	494237	39.18	ng		100
35) Caprolactam	11.552	113	194980	39.14	ng	#	80
36) 4-Chloro-3-methylphenol	11.910	107	620222	41.75	ng		99
37) 2-Methylnaphthalene	12.275	142	1464822	40.80	ng		99
38) 1-Methylnaphthalene	12.499	142	1372037	40.25	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	879157	43.29	ng		98
41) Hexachlorocyclopentadiene	12.622	237	435909	49.12	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	575392	43.53	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	622551	45.32	ng		97
46) 1,1'-Biphenyl	13.293	154	1857988	41.11	ng		99
47) 2-Chloronaphthalene	13.334	162	1509901	40.37	ng		98
48) 2-Nitroaniline	13.540	65	331446	38.32	ng		85
49) Acenaphthylene	14.187	152	2396022	42.88	ng		100
50) Dimethylphthalate	13.922	163	1901736	40.60	ng		99
51) 2,6-Dinitrotoluene	14.046	165	415986	41.65	ng		98
52) Acenaphthene	14.528	154	1418951	41.65	ng		99
53) 3-Nitroaniline	14.375	138	214785	19.76	ng		95
54) 2,4-Dinitrophenol	14.593	184	195508	39.57	ng		95
55) Dibenzofuran	14.869	168	2321331	42.08	ng		97
56) 4-Nitrophenol	14.704	139	708268	93.86	ng		96
57) 2,4-Dinitrotoluene	14.840	165	575035	42.12	ng		94
58) Fluorene	15.522	166	1890977	42.94	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	588409	45.64	ng	#	88
60) Diethylphthalate	15.292	149	1768519	38.60	ng		97
61) 4-Chlorophenyl-phenyle...	15.510	204	1006055	40.42	ng		91
62) 4-Nitroaniline	15.545	138	341902	29.78	ng		97
63) Azobenzene	15.804	77	1385756	39.95	ng		98
65) 4,6-Dinitro-2-methylph...	15.616	198	158347	20.81	ng		93
66) n-Nitrosodiphenylamine	15.728	169	1655376	40.88	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	704599	40.37	ng		93
68) Hexachlorobenzene	16.534	284	869305	41.69	ng		93
69) Atrazine	16.687	200	526534	36.97	ng		97
70) Pentachlorophenol	16.881	266	945150	101.01	ng		94
71) Phenanthrene	17.269	178	3505172	46.81	ng		99
72) Anthracene	17.363	178	3333035	45.93	ng		100
73) Carbazole	17.634	167	2908192	43.00	ng		99
74) Di-n-butylphthalate	18.186	149	3191608	39.05	ng		100
75) Fluoranthene	19.245	202	4945364	54.28	ng		98
77) Benzidine	19.422	184	1653068	43.13	ng		100
78) Pyrene	19.598	202	4883637	49.00	ng		99
80) Butylbenzylphthalate	20.463	149	1484403	36.82	ng		94
81) Benzo(a)anthracene	21.310	228	4734451	47.51	ng		98
82) 3,3'-Dichlorobenzidine	21.239	252	1355347	37.74	ng	#	98
83) Chrysene	21.363	228	4447797	46.90	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	2130957	37.02	ng	#	96
85) Di-n-octyl phthalate	22.133	149	3923333	40.14	ng		98
87) Indeno(1,2,3-cd)pyrene	26.127	276	6318508	47.99	ng	#	94
88) Benzo(b)fluoranthene	22.969	252	5647688	51.15	ng		97
89) Benzo(k)fluoranthene	23.016	252	4740996m	45.02	ng		
90) Benzo(a)pyrene	23.580	252	4964555m	48.20	ng		
91) Dibenzo(a,h)anthracene	26.133	278	4886974	44.99	ng	#	96
92) Benzo(g,h,i)perylene	26.862	276	5422293	50.68	ng	#	94

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

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