Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123467.D
Acq On : 25 Mar 2021 18:12
Operator : JU/CG
Sample : M1786-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
mohammad
3/26/2021 1:27:40 PM

Quant Time: Mar 25 18:46:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 17:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	223364	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	846031	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	468533	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	770837	20.00	ng	0.00
76) Chrysene-d12	14.080	240	417366	20.00	ng	0.00
86) Perylene-d12	15.580	264	440435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1362765	99.81	ng	0.02
7) Phenol-d6	6.528	99	1762040	96.95	ng	0.00
23) Nitrobenzene-d5	7.463	82	1167585	74.48	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	521206	99.50	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2085160	63.58	ng	0.00
79) Terphenyl-d14	13.021	244	1778151	72.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	253731	38.64	ng	# 67
3) Pyridine	3.510	79	699488	40.50	ng	# 59
4) n-Nitrosodimethylamine	3.463	42	427699	41.40	ng	# 71
6) Aniline	6.557	93	349028	15.69	ng	# 90
8) 2-Chlorophenol	6.686	128	666371	44.26	ng	92
9) Benzaldehyde	6.451	77	517317	Below Cal		99
10) Phenol	6.539	94	843233	45.20	ng	97
11) bis(2-Chloroethyl)ether	6.633	93	639136	42.97	ng	84
12) 1,3-Dichlorobenzene	6.845	146	689498	42.44	ng	98
13) 1,4-Dichlorobenzene	6.916	146	683515	42.07	ng	96
14) 1,2-Dichlorobenzene	7.069	146	664532	44.03	ng	96
15) Benzyl Alcohol	7.039	79	608094	42.73	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1364549	40.87	ng	87
17) 2-Methylphenol	7.151	107	536520	43.34	ng	97
18) Hexachloroethane	7.416	117	264096	43.38	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	472202	40.17	ng	# 76
20) 3+4-Methylphenols	7.304	107	646157	41.91	ng	98
22) Acetophenone	7.310	105	877767	41.33	ng	# 86
24) Nitrobenzene	7.480	77	721351	41.63	ng	92
25) Isophorone	7.722	82	1329855	39.46	ng	98
26) 2-Nitrophenol	7.798	139	332632	53.70	ng	# 84
27) 2,4-Dimethylphenol	7.833	122	596004	43.26	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	803995	44.26	ng	100
29) 2,4-Dichlorophenol	8.039	162	565902	41.85	ng	96
30) 1,2,4-Trichlorobenzene	8.127	180	601822	40.80	ng	99
31) Naphthalene	8.210	128	1822283	40.06	ng	100
32) Benzoic acid	7.951	122	319996	39.37	ng	95
33) 4-Chloroaniline	8.251	127	89090	4.77	ng	96
34) Hexachlorobutadiene	8.327	225	358899	39.89	ng	99
35) Caprolactam	8.633	113	190602m	46.88	ng	
36) 4-Chloro-3-methylphenol	8.733	107	608979	42.91	ng	95
37) 2-Methylnaphthalene	8.904	142	1256249	40.29	ng	100
38) 1-Methylnaphthalene	9.004	142	1182891	40.41	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	580911	41.67	ng	98
41) Hexachlorocyclopentadiene	9.057	237	556831	71.53	ng	96
43) 2,4,6-Trichlorophenol	9.180	196	403070	41.29	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	424457	41.38	ng		97
46) 1,1'-Biphenyl	9.369	154	1488023	41.21	ng		98
47) 2-Chloronaphthalene	9.392	162	1168326	39.66	ng		99
48) 2-Nitroaniline	9.480	65	425202	47.57	ng	#	70
49) Acenaphthylene	9.810	152	1912163	41.50	ng		100
50) Dimethylphthalate	9.669	163	1422263	42.74	ng		99
51) 2,6-Dinitrotoluene	9.727	165	302829	43.56	ng	#	78
52) Acenaphthene	9.980	154	1240633	43.14	ng		99
53) 3-Nitroaniline	9.892	138	120522	16.42	ng		91
54) 2,4-Dinitrophenol	9.998	184	212722	66.00	ng	#	85
55) Dibenzofuran	10.157	168	1593634	38.54	ng		98
56) 4-Nitrophenol	10.057	139	472012	79.72	ng	#	72
57) 2,4-Dinitrotoluene	10.133	165	408584	47.09	ng		94
58) Fluorene	10.498	166	1225716	39.27	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	352448	42.09	ng		96
60) Diethylphthalate	10.369	149	1332625	41.02	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	606998	39.79	ng		96
62) 4-Nitroaniline	10.510	138	271963	39.09	ng		99
63) Azobenzene	10.651	77	1348287	37.72	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	150932	37.64	ng		89
66) n-Nitrosodiphenylamine	10.610	169	1093892	42.35	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	399839	43.79	ng		97
68) Hexachlorobenzene	11.045	284	426467	42.39	ng		97
69) Atrazine	11.133	200	401991	48.97	ng		97
70) Pentachlorophenol	11.239	266	451370	75.19	ng		99
71) Phenanthrene	11.463	178	1717685	40.31	ng		99
72) Anthracene	11.515	178	1759254	41.04	ng		99
73) Carbazole	11.663	167	1530207	37.79	ng		99
74) Di-n-butylphthalate	11.998	149	1942341	42.13	ng		99
75) Fluoranthene	12.651	202	1585364	34.36	ng		99
77) Benzidine	12.768	184	556258	44.74	ng		99
78) Pyrene	12.880	202	1548000	43.00	ng		99
80) Butylbenzylphthalate	13.504	149	647478	48.49	ng		99
81) Benzo(a)anthracene	14.074	228	1139434	41.71	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	250747	28.22	ng		98
83) Chrysene	14.109	228	1141348	40.47	ng		99
84) Bis(2-ethylhexyl)phtha...	14.068	149	781434	44.45	ng		97
85) Di-n-octyl phthalate	14.686	149	1283256	46.18	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.097	276	1125042	41.10	ng		98
88) Benzo(b)fluoranthene	15.139	252	1207822	39.75	ng		98
89) Benzo(k)fluoranthene	15.174	252	1083808m	37.73	ng		
90) Benzo(a)pyrene	15.521	252	1026029	39.12	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	945168	40.68	ng		99
92) Benzo(g,h,i)perylene	17.556	276	874523	37.60	ng		98

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

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