Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052521\
Data File : BF124056.D
Acq On : 25 May 2021 21:07
Operator : JU/CG
Sample : M2503-01MS 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-052421MS

Quant Time: May 26 03:07:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	52113	20.00	ng		-0.01
21) Naphthalene-d8	8.180	136	188785	20.00	ng		0.00
39) Acenaphthene-d10	9.933	164	90146	20.00	ng		-0.01
64) Phenanthrene-d10	11.421	188	134689	20.00	ng		0.00
76) Chrysene-d12	14.068	240	112577	20.00	ng		0.00
86) Perylene-d12	15.562	264	92760	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	77665	20.92	ng		0.00
7) Phenol-d6	6.516	99	98185	20.39	ng		0.00
23) Nitrobenzene-d5	7.451	82	74155	16.92	ng		-0.01
42) 2,4,6-Tribromophenol	10.721	330	24511	22.64	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	125912	17.19	ng		-0.01
79) Terphenyl-d14	13.004	244	100704	13.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	8467	5.19	ng		96
3) Pyridine	3.457	79	20225	4.81	ng	#	87
4) n-Nitrosodimethylamine	3.381	42	18219	6.67	ng		88
6) Aniline	6.551	93	32417	5.93	ng	#	93
8) 2-Chlorophenol	6.675	128	32090	8.31	ng		97
9) Benzaldehyde	6.439	77	23913	11.48	ng		91
10) Phenol	6.528	94	41803	8.59	ng		97
11) bis(2-Chloroethyl)ether	6.622	93	29362	7.76	ng		95
12) 1,3-Dichlorobenzene	6.833	146	35459	7.88	ng		92
13) 1,4-Dichlorobenzene	6.910	146	36472	7.92	ng		95
14) 1,2-Dichlorobenzene	7.063	146	35382	8.22	ng		95
15) Benzyl Alcohol	7.028	79	32636	7.85	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	56571	7.43	ng		94
17) 2-Methylphenol	7.139	107	26633	8.50	ng		93
18) Hexachloroethane	7.410	117	12201	7.15	ng		89
19) n-Nitroso-di-n-propyla...	7.298	70	26476	8.14	ng		91
20) 3+4-Methylphenols	7.292	107	34881	8.45	ng	#	68
22) Acetophenone	7.298	105	48980	9.14	ng	#	96
24) Nitrobenzene	7.469	77	40229	8.98	ng		99
25) Isophorone	7.710	82	66227	7.86	ng		97
26) 2-Nitrophenol	7.792	139	15693	9.31	ng		93
27) 2,4-Dimethylphenol	7.822	122	28209	8.74	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	38489	9.08	ng		95
29) 2,4-Dichlorophenol	8.033	162	27261	8.35	ng		93
30) 1,2,4-Trichlorobenzene	8.116	180	31238	8.51	ng		89
31) Naphthalene	8.198	128	93010	8.32	ng		96
32) Benzoic acid	7.904	122	11660	6.58	ng	#	69
33) 4-Chloroaniline	8.245	127	24471	5.75	ng		95
34) Hexachlorobutadiene	8.316	225	23058	9.59	ng		87
35) Caprolactam	8.580	113	7624	8.57	ng	#	90
36) 4-Chloro-3-methylphenol	8.722	107	26918	7.54	ng	#	78
37) 2-Methylnaphthalene	8.892	142	61091	8.07	ng		95
38) 1-Methylnaphthalene	8.986	142	55861	7.91	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	29853	9.18	ng		97
41) Hexachlorocyclopentadiene	9.045	237	5762	2.79	ng		79
43) 2,4,6-Trichlorophenol	9.163	196	18192	8.62	ng		95

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44) 2,4,5-Trichlorophenol	9.204	196	19118	8.72	ng		89
46) 1,1'-Biphenyl	9.351	154	73650	9.28	ng		92
47) 2-Chloronaphthalene	9.374	162	53768	8.53	ng		95
48) 2-Nitroaniline	9.469	65	22019	10.34	ng		95
49) Acenaphthylene	9.792	152	80969	8.69	ng		97
50) Dimethylphthalate	9.645	163	82063	11.40	ng		100
51) 2,6-Dinitrotoluene	9.710	165	12978	8.92	ng		92
52) Acenaphthene	9.969	154	50027	7.84	ng		98
53) 3-Nitroaniline	9.874	138	10529	7.28	ng		89
54) 2,4-Dinitrophenol	9.986	184	2512	10.20	ng		86
55) Dibenzofuran	10.139	168	76093	8.31	ng		97
56) 4-Nitrophenol	10.033	139	18461	15.43	ng	#	85
57) 2,4-Dinitrotoluene	10.110	165	17413	9.75	ng	#	98
58) Fluorene	10.480	166	57936	8.39	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.257	232	13496	7.49	ng	#	98
60) Diethylphthalate	10.345	149	65916	9.25	ng		95
61) 4-Chlorophenyl-phenyle...	10.474	204	28753	8.31	ng		97
62) 4-Nitroaniline	10.486	138	12412	8.63	ng		89
63) Azobenzene	10.633	77	60282	7.60	ng		95
65) 4,6-Dinitro-2-methylph...	10.521	198	2072	7.56	ng	#	79
66) n-Nitrosodiphenylamine	10.586	169	49004	9.52	ng		98
67) 4-Bromophenyl-phenylether	10.963	248	15319	8.65	ng		91
68) Hexachlorobenzene	11.033	284	17458	8.83	ng		93
69) Atrazine	11.110	200	16205	11.15	ng		93
70) Pentachlorophenol	11.227	266	13653	11.65	ng		96
71) Phenanthrene	11.445	178	85760	10.05	ng		94
72) Anthracene	11.498	178	77079	8.91	ng		99
73) Carbazole	11.651	167	60666	8.02	ng		95
74) Di-n-butylphthalate	11.980	149	90714	9.58	ng		99
75) Fluoranthene	12.639	202	101038	11.43	ng		98
77) Benzidine	12.757	184	39110	14.40	ng	#	94
78) Pyrene	12.868	202	95753	9.58	ng		94
80) Butylbenzylphthalate	13.480	149	34621	8.83	ng		96
81) Benzo(a)anthracene	14.057	228	78557	9.65	ng		96
82) 3,3'-Dichlorobenzidine	14.015	252	18091	7.15	ng	#	96
83) Chrysene	14.092	228	77315	9.87	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	49912	9.02	ng	#	97
85) Di-n-octyl phthalate	14.662	149	85386	10.21	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	52932	7.39	ng	#	91
88) Benzo(b)fluoranthene	15.121	252	72407	10.09	ng	#	98
89) Benzo(k)fluoranthene	15.151	252	66382	10.15	ng		93
90) Benzo(a)pyrene	15.498	252	63946	10.31	ng	#	95
91) Dibenzo(a,h)anthracene	17.086	278	45162	7.49	ng		97
92) Benzo(g,h,i)perylene	17.521	276	42790	7.07	ng		98

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

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