Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052521\
Data File : BF124057.D
Acq On : 25 May 2021 21:39
Operator : JU/CG
Sample : M2503-01MSD 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-052421MSD

Quant Time: May 26 02:35:50 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	6.893	152	57341	20.00	ng		-0.01
21) Naphthalene-d8	8.181	136	205188	20.00	ng		0.00
39) Acenaphthene-d10	9.933	164	95866	20.00	ng		-0.01
64) Phenanthrene-d10	11.422	188	138987	20.00	ng		0.00
76) Chrysene-d12	14.069	240	117220	20.00	ng		0.00
86) Perylene-d12	15.563	264	95255	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	82492	20.20	ng		0.00
7) Phenol-d6	6.516	99	110159	20.79	ng		0.00
23) Nitrobenzene-d5	7.451	82	81691	17.15	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	25083	21.78	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	136041	17.46	ng		-0.01
79) Terphenyl-d14	13.004	244	108632	14.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	8505	4.74	ng	#	92
3) Pyridine	3.457	79	23538	5.08	ng		95
4) n-Nitrosodimethylamine	3.387	42	20911	6.95	ng	#	75
6) Aniline	6.551	93	40171	6.68	ng		96
8) 2-Chlorophenol	6.675	128	34901	8.21	ng		98
9) Benzaldehyde	6.440	77	24540	10.70	ng		93
10) Phenol	6.528	94	45592	8.51	ng		98
11) bis(2-Chloroethyl)ether	6.622	93	32955	7.92	ng		95
12) 1,3-Dichlorobenzene	6.834	146	36459	7.36	ng		96
13) 1,4-Dichlorobenzene	6.910	146	39536	7.80	ng		93
14) 1,2-Dichlorobenzene	7.063	146	37177	7.85	ng		92
15) Benzyl Alcohol	7.028	79	34727	7.59	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	62892	7.51	ng		97
17) 2-Methylphenol	7.140	107	27418	7.96	ng	#	91
18) Hexachloroethane	7.410	117	13744	7.32	ng		87
19) n-Nitroso-di-n-propyla...	7.298	70	27762	7.75	ng	#	95
20) 3+4-Methylphenols	7.292	107	34788	7.66	ng	#	72
22) Acetophenone	7.298	105	51289	8.80	ng	#	94
24) Nitrobenzene	7.469	77	40139	8.24	ng	#	94
25) Isophorone	7.710	82	68969	7.53	ng		99
26) 2-Nitrophenol	7.792	139	16580	9.05	ng		94
27) 2,4-Dimethylphenol	7.822	122	30393	8.67	ng	#	93
28) bis(2-Chloroethoxy)met...	7.922	93	41754	9.06	ng		97
29) 2,4-Dichlorophenol	8.034	162	29303	8.25	ng		93
30) 1,2,4-Trichlorobenzene	8.116	180	32255	8.08	ng		99
31) Naphthalene	8.198	128	95908	7.90	ng		97
32) Benzoic acid	7.904	122	12882	6.69	ng		95
33) 4-Chloroaniline	8.245	127	26428	5.72	ng	#	92
34) Hexachlorobutadiene	8.316	225	23979	9.18	ng		90
35) Caprolactam	8.581	113	8876	9.18	ng	#	87
36) 4-Chloro-3-methylphenol	8.722	107	29325	7.55	ng		94
37) 2-Methylnaphthalene	8.892	142	63672	7.74	ng		95
38) 1-Methylnaphthalene	8.986	142	56490	7.36	ng		86
40) 1,2,4,5-Tetrachloroben...	9.057	216	33590	9.71	ng	#	94
41) Hexachlorocyclopentadiene	9.045	237	4283	1.95	ng		78
43) 2,4,6-Trichlorophenol	9.163	196	19589	8.73	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	20517	8.80	ng	#	91
46) 1,1'-Biphenyl	9.351	154	79018	9.36	ng		99
47) 2-Chloronaphthalene	9.381	162	58658	8.75	ng		91
48) 2-Nitroaniline	9.469	65	22076	9.75	ng		90
49) Acenaphthylene	9.792	152	83165	8.39	ng		96
50) Dimethylphthalate	9.645	163	87422	11.42	ng		100
51) 2,6-Dinitrotoluene	9.710	165	13552	8.75	ng		95
52) Acenaphthene	9.969	154	53711	7.92	ng		100
53) 3-Nitroaniline	9.875	138	11274	7.33	ng	#	79
54) 2,4-Dinitrophenol	9.986	184	2171	9.65	ng	#	60
55) Dibenzofuran	10.139	168	78109	8.02	ng		96
56) 4-Nitrophenol	10.033	139	20512	16.12	ng		90
57) 2,4-Dinitrotoluene	10.116	165	17598	9.27	ng	#	82
58) Fluorene	10.481	166	59959	8.17	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.257	232	14767	7.70	ng	#	95
60) Diethylphthalate	10.345	149	71745	9.46	ng	#	92
61) 4-Chlorophenyl-phenyle...	10.475	204	32004	8.70	ng		96
62) 4-Nitroaniline	10.486	138	12416	8.11	ng		97
63) Azobenzene	10.628	77	64526	7.65	ng		93
65) 4,6-Dinitro-2-methylph...	10.522	198	1659	7.08	ng		94
66) n-Nitrosodiphenylamine	10.586	169	52945	9.97	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	17661	9.67	ng	#	84
68) Hexachlorobenzene	11.033	284	19457	9.54	ng	#	89
69) Atrazine	11.110	200	17493	11.66	ng		95
70) Pentachlorophenol	11.228	266	14991	12.40	ng		99
71) Phenanthrene	11.445	178	87655	9.95	ng		98
72) Anthracene	11.498	178	81852	9.17	ng		98
73) Carbazole	11.651	167	62864	8.05	ng	#	90
74) Di-n-butylphthalate	11.980	149	92347	9.45	ng		99
75) Fluoranthene	12.639	202	104866	11.50	ng		97
77) Benzidine	12.757	184	45406	16.05	ng	#	89
78) Pyrene	12.869	202	100529	9.66	ng		96
80) Butylbenzylphthalate	13.480	149	36431	8.93	ng		99
81) Benzo(a)anthracene	14.057	228	80475	9.49	ng		94
82) 3,3'-Dichlorobenzidine	14.016	252	19921	7.56	ng	#	96
83) Chrysene	14.092	228	78616	9.64	ng		98
84) Bis(2-ethylhexyl)phtha...	14.045	149	52681	9.15	ng	#	98
85) Di-n-octyl phthalate	14.663	149	85017	9.77	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.074	276	53806	7.31	ng	#	95
88) Benzo(b)fluoranthene	15.121	252	69894	9.49	ng	#	96
89) Benzo(k)fluoranthene	15.151	252	65496	9.75	ng		97
90) Benzo(a)pyrene	15.498	252	60409	9.48	ng		94
91) Dibenzo(a,h)anthracene	17.086	278	42996	6.94	ng	#	90
92) Benzo(g,h,i)perylene	17.521	276	42061	6.77	ng	#	84

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

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