Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
Data File : BF125390.D
Acq On : 7 Sep 2021 16:25
Operator : JU/CG
Sample : M3658-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-24029MSD

Quant Time: Sep 07 17:00:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	120645	20.000	ng		0.00
21) Naphthalene-d8	8.180	136	409442	20.000	ng		# 0.00
39) Acenaphthene-d10	9.939	164	173339	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	286984	20.000	ng		# 0.00
76) Chrysene-d12	14.074	240	317457	20.000	ng		# 0.00
86) Perylene-d12	15.562	264	366854	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	575078	72.149	ng		0.00
7) Phenol-d6	6.528	99	665588	64.566	ng		0.00
23) Nitrobenzene-d5	7.463	82	424573	52.204	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	148857	86.029	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	684396	55.029	ng		0.00
79) Terphenyl-d14	13.010	244	782738	39.280	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	127022	32.295	ng	#	100
3) Pyridine	3.481	79	284823	27.432	ng	#	89
4) n-Nitrosodimethylamine	3.428	42	178759	34.405	ng	#	36
6) Aniline	6.563	93	421711	34.826	ng	#	95
8) 2-Chlorophenol	6.686	128	294685	36.241	ng		83
9) Benzaldehyde	6.451	77	202537	27.996	ng		92
10) Phenol	6.545	94	402076	37.245	ng		97
11) bis(2-Chloroethyl)ether	6.633	93	313467	36.869	ng		89
12) 1,3-Dichlorobenzene	6.839	146	336488	35.711	ng		98
13) 1,4-Dichlorobenzene	6.916	146	333049	35.473	ng		97
14) 1,2-Dichlorobenzene	7.069	146	318684	36.079	ng		98
15) Benzyl Alcohol	7.039	79	264940	33.380	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	567134	33.261	ng		95
17) 2-Methylphenol	7.151	107	239992	35.135	ng		97
18) Hexachloroethane	7.410	117	114095	34.704	ng	#	85
19) n-Nitroso-di-n-propyla...	7.304	70	203920	32.888	ng	#	78
20) 3+4-Methylphenols	7.304	107	269797	31.466	ng	#	60
22) Acetophenone	7.304	105	395668	37.549	ng	#	86
24) Nitrobenzene	7.481	77	326270	36.817	ng		88
25) Isophorone	7.716	82	538903	34.348	ng	#	88
26) 2-Nitrophenol	7.798	139	147092	41.568	ng	#	79
27) 2,4-Dimethylphenol	7.833	122	233440	37.683	ng		90
28) bis(2-Chloroethoxy)met...	7.928	93	343045	39.490	ng	#	97
29) 2,4-Dichlorophenol	8.039	162	228234	36.126	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	251805	36.550	ng		93
31) Naphthalene	8.204	128	730938	34.858	ng		99
32) Benzoic acid	7.939	122	142059	33.787	ng	#	85
33) 4-Chloroaniline	8.251	127	251794	30.460	ng	#	92
34) Hexachlorobutadiene	8.316	225	163360	37.188	ng		100
35) Caprolactam	8.616	113	64020	39.123	ng	#	57
36) 4-Chloro-3-methylphenol	8.733	107	223990	34.729	ng		93
37) 2-Methylnaphthalene	8.892	142	481864	34.776	ng		100
38) 1-Methylnaphthalene	8.992	142	434793	33.602	ng		97
40) 1,2,4,5-Tetrachloroben...	9.057	216	240198	42.413	ng		96
41) Hexachlorocyclopentadiene	9.045	237	146101	49.103	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	156565	39.263	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	168128	40.076	ng		94
46) 1,1'-Biphenyl	9.357	154	533309	38.162	ng		97
47) 2-Chloronaphthalene	9.380	162	439054	38.661	ng		97
48) 2-Nitroaniline	9.480	65	156997	44.598	ng	#	82
49) Acenaphthylene	9.798	152	631276	38.147	ng		98
50) Dimethylphthalate	9.657	163	487708	40.601	ng		97
51) 2,6-Dinitrotoluene	9.722	165	107518	41.279	ng		94
52) Acenaphthene	9.974	154	360496	35.140	ng		97
53) 3-Nitroaniline	9.892	138	103527	36.857	ng	#	81
54) 2,4-Dinitrophenol	9.998	184	50213	48.805	ng	#	85
55) Dibenzofuran	10.145	168	526148	35.637	ng		98
56) 4-Nitrophenol	10.057	139	163097	73.323	ng	#	74
57) 2,4-Dinitrotoluene	10.121	165	134601	42.698	ng	#	97
58) Fluorene	10.486	166	397834	36.448	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	112918	36.269	ng	#	83
60) Diethylphthalate	10.357	149	449347	38.371	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	207363	37.574	ng	#	85
62) 4-Nitroaniline	10.504	138	96101	38.047	ng		86
63) Azobenzene	10.639	77	439198	33.436	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	34416	22.659	ng		88
66) n-Nitrosodiphenylamine	10.598	169	371621	36.164	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	128923	37.411	ng		95
68) Hexachlorobenzene	11.039	284	142716	40.256	ng	#	85
69) Atrazine	11.133	200	120962	41.022	ng		92
70) Pentachlorophenol	11.233	266	160557	77.563	ng		91
71) Phenanthrene	11.457	178	590727	37.357	ng		96
72) Anthracene	11.504	178	604536	38.787	ng		97
73) Carbazole	11.663	167	537751	37.755	ng		99
74) Di-n-butylphthalate	11.986	149	668815	39.570	ng		99
75) Fluoranthene	12.645	202	728076	46.403	ng		96
77) Benzidine	12.768	184	386535	34.863	ng	#	95
78) Pyrene	12.874	202	760002	27.909	ng		97
80) Butylbenzylphthalate	13.486	149	341844	31.947	ng		93
81) Benzo(a)anthracene	14.062	228	826676	36.142	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	197026	27.789	ng		99
83) Chrysene	14.098	228	820596	36.277	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	528945	35.967	ng	#	98
85) Di-n-octyl phthalate	14.651	149	946836	38.710	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	884813	33.479	ng	#	90
88) Benzo(b)fluoranthene	15.127	252	950897	35.479	ng	#	94
89) Benzo(k)fluoranthene	15.156	252	893799	35.738	ng		99
90) Benzo(a)pyrene	15.504	252	916787	38.724	ng	#	95
91) Dibenzo(a,h)anthracene	17.092	278	742509	32.502	ng	#	94
92) Benzo(g,h,i)perylene	17.533	276	704494	31.982	ng	#	87

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

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