Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125271.D
Acq On : 30 Aug 2021 19:54
Operator : JU/CG
Sample : M3561-23MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-11MS

Quant Time: Aug 31 05:28:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	176742	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	697296	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	371886	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	601186	20.000	ng	0.00
76) Chrysene-d12	14.092	240	407818	20.000	ng	# 0.01
86) Perylene-d12	15.592	264	440084	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	846364	72.482	ng	0.01
7) Phenol-d6	6.545	99	799560	52.944	ng	0.00
23) Nitrobenzene-d5	7.481	82	1075467	77.648	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	488210	131.513	ng	0.01
45) 2-Fluorobiphenyl	9.275	172	1903099	71.323	ng	0.00
79) Terphenyl-d14	13.027	244	1479211	57.784	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	128377	22.280	ng	# 100
3) Pyridine	3.516	79	244436	16.070	ng	# 92
4) n-Nitrosodimethylamine	3.446	42	173947	22.853	ng	# 35
6) Aniline	6.581	93	487415	27.476	ng	# 97
8) 2-Chlorophenol	6.704	128	456063	38.286	ng	84
9) Benzaldehyde	6.469	77	334767	31.586	ng	96
10) Phenol	6.557	94	360148	22.772	ng	99
11) bis(2-Chloroethyl)ether	6.651	93	528758	42.452	ng	89
12) 1,3-Dichlorobenzene	6.857	146	546565	39.596	ng	98
13) 1,4-Dichlorobenzene	6.934	146	552046	40.137	ng	97
14) 1,2-Dichlorobenzene	7.087	146	535022	41.346	ng	99
15) Benzyl Alcohol	7.057	79	405084	34.838	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	991038	39.675	ng	97
17) 2-Methylphenol	7.169	107	353111	35.288	ng	96
18) Hexachloroethane	7.428	117	192636	39.996	ng	# 86
19) n-Nitroso-di-n-propyla...	7.328	70	383051	42.169	ng	# 78
20) 3+4-Methylphenols	7.322	107	394813	31.432	ng	# 61
22) Acetophenone	7.328	105	719447	40.090	ng	# 94
24) Nitrobenzene	7.498	77	627116	41.552	ng	# 86
25) Isophorone	7.739	82	1065818	39.889	ng	# 89
26) 2-Nitrophenol	7.816	139	274457	45.543	ng	# 81
27) 2,4-Dimethylphenol	7.851	122	427920	40.561	ng	90
28) bis(2-Chloroethoxy)met...	7.945	93	656411	44.369	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	435323	40.460	ng	96
30) 1,2,4-Trichlorobenzene	8.139	180	469003	39.974	ng	95
31) Naphthalene	8.222	128	1372056	38.421	ng	99
32) Benzoic acid	7.951	122	171441	23.942	ng	# 83
33) 4-Chloroaniline	8.269	127	199274	14.155	ng	# 93
34) Hexachlorobutadiene	8.334	225	295095	39.445	ng	99
35) Caprolactam	8.651	113	40236	14.438	ng	# 51
36) 4-Chloro-3-methylphenol	8.745	107	458375	41.731	ng	92
37) 2-Methylnaphthalene	8.910	142	975269	41.328	ng	100
38) 1-Methylnaphthalene	9.010	142	909094	41.254	ng	97
40) 1,2,4,5-Tetrachloroben...	9.081	216	496561	40.869	ng	98
41) Hexachlorocyclopentadiene	9.063	237	500495	78.404	ng	97
43) 2,4,6-Trichlorophenol	9.186	196	353832	41.359	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	370487	41.163	ng		95
46) 1,1'-Biphenyl	9.375	154	1152087	38.426	ng		98
47) 2-Chloronaphthalene	9.404	162	948868	38.945	ng		96
48) 2-Nitroaniline	9.498	65	313840	41.555	ng	#	84
49) Acenaphthylene	9.816	152	1435844	40.442	ng		98
50) Dimethylphthalate	9.675	163	1134841	44.035	ng	#	96
51) 2,6-Dinitrotoluene	9.739	165	251010	44.918	ng	#	87
52) Acenaphthene	9.992	154	853980	38.801	ng		98
53) 3-Nitroaniline	9.910	138	104267	17.302	ng		88
54) 2,4-Dinitrophenol	10.016	184	274262	124.250	ng	#	85
55) Dibenzofuran	10.163	168	1254967	39.620	ng		99
56) 4-Nitrophenol	10.080	139	202440	42.421	ng	#	79
57) 2,4-Dinitrotoluene	10.145	165	327679	48.450	ng	#	92
58) Fluorene	10.504	166	982786	41.967	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.280	232	286125	42.837	ng	#	85
60) Diethylphthalate	10.375	149	1104680	43.969	ng		97
61) 4-Chlorophenyl-phenyle...	10.492	204	515305	43.522	ng		90
62) 4-Nitroaniline	10.522	138	164559	30.367	ng	#	82
63) Azobenzene	10.657	77	1111761	39.451	ng		92
65) 4,6-Dinitro-2-methylph...	10.551	198	169255	53.194	ng		87
66) n-Nitrosodiphenylamine	10.616	169	938131	43.581	ng		97
67) 4-Bromophenyl-phenylether	10.986	248	341125	47.253	ng		92
68) Hexachlorobenzene	11.051	284	359515	48.409	ng	#	87
69) Atrazine	11.151	200	236209	38.240	ng		92
70) Pentachlorophenol	11.251	266	382783	88.272	ng		91
71) Phenanthrene	11.469	178	1350968	40.783	ng		96
72) Anthracene	11.522	178	1385467	42.433	ng		98
73) Carbazole	11.680	167	1073161	35.968	ng		99
74) Di-n-butylphthalate	12.004	149	1557966	44.002	ng		99
75) Fluoranthene	12.663	202	1217367	37.037	ng		97
78) Pyrene	12.892	202	1234183	35.280	ng		96
80) Butylbenzylphthalate	13.504	149	566253	41.194	ng	#	84
81) Benzo(a)anthracene	14.080	228	1223325	41.633	ng		98
83) Chrysene	14.121	228	1205440	41.483	ng		97
84) Bis(2-ethylhexyl)phtha...	14.063	149	834649	44.178	ng	#	97
85) Di-n-octyl phthalate	14.674	149	1505910	47.925	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.109	276	1021885	32.232	ng	#	90
88) Benzo(b)fluoranthene	15.151	252	1323690	41.170	ng	#	94
89) Benzo(k)fluoranthene	15.180	252	1294076	43.133	ng		99
90) Benzo(a)pyrene	15.527	252	1261614	44.422	ng	#	96
91) Dibenzo(a,h)anthracene	17.133	278	892796	32.577	ng	#	94
92) Benzo(g,h,i)perylene	17.574	276	785952	29.743	ng	#	88

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

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