Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125272.D
Acq On : 30 Aug 2021 20:27
Operator : JU/CG
Sample : M3561-24MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE4-11MSD

Quant Time: Aug 31 05:29:34 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	172952	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	680103	20.000	ng	#	0.00
39) Acenaphthene-d10	9.957	164	367778	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	625572	20.000	ng		0.00
76) Chrysene-d12	14.092	240	408890	20.000	ng	#	0.01
86) Perylene-d12	15.592	264	431340	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	826841	72.361	ng		0.01
7) Phenol-d6	6.545	99	770884	52.164	ng		0.00
23) Nitrobenzene-d5	7.481	82	1047735	77.558	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	498395	135.757	ng		0.01
45) 2-Fluorobiphenyl	9.275	172	1858254	70.420	ng		0.00
79) Terphenyl-d14	13.027	244	1522907	59.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	123325	21.872	ng	#	100
3) Pyridine	3.504	79	235263	15.806	ng	#	92
4) n-Nitrosodimethylamine	3.434	42	166176	22.311	ng	#	33
6) Aniline	6.575	93	479011	27.594	ng	#	94
8) 2-Chlorophenol	6.704	128	446432	38.299	ng		84
9) Benzaldehyde	6.469	77	327442	31.572	ng		95
10) Phenol	6.557	94	352216	22.759	ng		95
11) bis(2-Chloroethyl)ether	6.645	93	506125	41.525	ng		83
12) 1,3-Dichlorobenzene	6.857	146	530000	39.237	ng		98
13) 1,4-Dichlorobenzene	6.934	146	533228	39.618	ng		98
14) 1,2-Dichlorobenzene	7.087	146	517749	40.888	ng		100
15) Benzyl Alcohol	7.057	79	397459	34.931	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.192	45	959222	39.242	ng		97
17) 2-Methylphenol	7.169	107	341274	34.853	ng		96
18) Hexachloroethane	7.428	117	189958	40.305	ng	#	88
19) n-Nitroso-di-n-propyla...	7.328	70	377969	42.522	ng	#	78
20) 3+4-Methylphenols	7.322	107	379774	30.897	ng	#	56
22) Acetophenone	7.328	105	701305	40.067	ng	#	95
24) Nitrobenzene	7.498	77	602998	40.964	ng	#	87
25) Isophorone	7.739	82	1031367	39.575	ng	#	90
26) 2-Nitrophenol	7.816	139	267310	45.478	ng	#	81
27) 2,4-Dimethylphenol	7.851	122	416196	40.447	ng		90
28) bis(2-Chloroethoxy)met...	7.945	93	631295	43.750	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	420956	40.114	ng		93
30) 1,2,4-Trichlorobenzene	8.139	180	457194	39.952	ng		96
31) Naphthalene	8.222	128	1335034	38.329	ng		99
32) Benzoic acid	7.951	122	163638	23.430	ng	#	86
33) 4-Chloroaniline	8.269	127	216937	15.799	ng	#	91
34) Hexachlorobutadiene	8.334	225	287315	39.376	ng		99
35) Caprolactam	8.651	113	42206	15.528	ng	#	51
36) 4-Chloro-3-methylphenol	8.745	107	444974	41.536	ng		93
37) 2-Methylnaphthalene	8.910	142	947418	41.163	ng		99
38) 1-Methylnaphthalene	9.010	142	877054	40.806	ng		96
40) 1,2,4,5-Tetrachloroben...	9.081	216	479682	39.920	ng		97
41) Hexachlorocyclopentadiene	9.063	237	480569	76.124	ng		98
43) 2,4,6-Trichlorophenol	9.192	196	342584	40.492	ng		96

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44) 2,4,5-Trichlorophenol	9.228	196	373908	42.007	ng		94
46) 1,1'-Biphenyl	9.375	154	1127942	38.041	ng		98
47) 2-Chloronaphthalene	9.404	162	940033	39.013	ng		96
48) 2-Nitroaniline	9.498	65	320993	42.977	ng	#	80
49) Acenaphthylene	9.816	152	1407196	40.078	ng		98
50) Dimethylphthalate	9.675	163	1115817	43.780	ng	#	96
51) 2,6-Dinitrotoluene	9.739	165	250509	45.329	ng	#	87
52) Acenaphthene	9.992	154	831918	38.220	ng		98
53) 3-Nitroaniline	9.910	138	108218	18.158	ng		87
54) 2,4-Dinitrophenol	10.016	184	280793	128.630	ng	#	85
55) Dibenzofuran	10.163	168	1242703	39.671	ng		97
56) 4-Nitrophenol	10.080	139	202945	43.001	ng	#	78
57) 2,4-Dinitrotoluene	10.145	165	334849	50.063	ng	#	95
58) Fluorene	10.504	166	984797	42.523	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	294593	44.597	ng	#	83
60) Diethylphthalate	10.375	149	1104899	44.469	ng		97
61) 4-Chlorophenyl-phenyle...	10.492	204	518098	44.246	ng		89
62) 4-Nitroaniline	10.522	138	173826	32.435	ng	#	82
63) Azobenzene	10.657	77	1113724	39.962	ng		92
65) 4,6-Dinitro-2-methylph...	10.551	198	175791	53.094	ng		84
66) n-Nitrosodiphenylamine	10.616	169	948249	42.333	ng		96
67) 4-Bromophenyl-phenylether	10.986	248	344663	45.882	ng		92
68) Hexachlorobenzene	11.051	284	360333	46.628	ng	#	88
69) Atrazine	11.157	200	247002	38.428	ng		91
70) Pentachlorophenol	11.251	266	389752	86.376	ng		91
71) Phenanthrene	11.469	178	1385455	40.194	ng		97
72) Anthracene	11.522	178	1433787	42.201	ng		98
73) Carbazole	11.680	167	1110054	35.754	ng		100
74) Di-n-butylphthalate	12.004	149	1620398	43.981	ng		100
75) Fluoranthene	12.663	202	1282288	37.492	ng		97
78) Pyrene	12.892	202	1280737	36.515	ng		96
80) Butylbenzylphthalate	13.504	149	583628	42.347	ng		88
81) Benzo(a)anthracene	14.080	228	1243246	42.200	ng		100
83) Chrysene	14.121	228	1210971	41.564	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	860489	45.427	ng	#	99
85) Di-n-octyl phthalate	14.674	149	1508013	47.866	ng		98
87) Indeno(1,2,3-cd)pyrene	17.115	276	1016284	32.705	ng	#	90
88) Benzo(b)fluoranthene	15.151	252	1295067	41.097	ng	#	94
89) Benzo(k)fluoranthene	15.180	252	1287868	43.796	ng		99
90) Benzo(a)pyrene	15.533	252	1254041	45.050	ng	#	95
91) Dibenzo(a,h)anthracene	17.133	278	890888	33.167	ng	#	94
92) Benzo(g,h,i)perylene	17.574	276	783275	30.243	ng	#	89

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

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