Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
Data File : BF125412.D
Acq On : 9 Sep 2021 14:51
Operator : JU/CG
Sample : M3681-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-STOCKMSD

Manual Integrations APPROVED
mohammad
9/10/2021 3:25:07 PM

Quant Time: Sep 09 16:11:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	170618	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	665674	20.000	ng	#	0.00
39) Acenaphthene-d10	9.928	164	352848	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	646208	20.000	ng		0.00
76) Chrysene-d12	14.063	240	375498	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	349126	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1124125	99.724	ng		0.01
7) Phenol-d6	6.528	99	1419424	97.363	ng		0.00
23) Nitrobenzene-d5	7.451	82	972417	73.543	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	470380	133.547	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1662808	65.680	ng		0.00
79) Terphenyl-d14	13.004	244	1802459	76.471	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	195575	35.161	ng	#	100
3) Pyridine	3.516	79	456854	31.113	ng	#	92
4) n-Nitrosodimethylamine	3.469	42	280134	38.125	ng	#	33
6) Aniline	6.551	93	585728	34.204	ng	#	91
8) 2-Chlorophenol	6.675	128	468824	40.770	ng		81
9) Benzaldehyde	6.440	77	325202	31.785	ng		93
10) Phenol	6.540	94	608899	39.883	ng		86
11) bis(2-Chloroethyl)ether	6.622	93	488879	40.659	ng		85
12) 1,3-Dichlorobenzene	6.828	146	525331	39.423	ng		100
13) 1,4-Dichlorobenzene	6.904	146	527568	39.734	ng		98
14) 1,2-Dichlorobenzene	7.057	146	509640	40.798	ng		99
15) Benzyl Alcohol	7.034	79	450552	40.139	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	902876	37.443	ng		96
17) 2-Methylphenol	7.145	107	398221	41.225	ng	#	92
18) Hexachloroethane	7.398	117	190785	41.034	ng	#	85
19) n-Nitroso-di-n-propyla...	7.304	70	342078	39.010	ng	#	76
20) 3+4-Methylphenols	7.298	107	447263	36.886	ng	#	71
22) Acetophenone	7.298	105	649164	37.892	ng	#	85
24) Nitrobenzene	7.475	77	551248	38.261	ng		90
25) Isophorone	7.710	82	970068	38.030	ng	#	89
26) 2-Nitrophenol	7.787	139	260790	45.331	ng	#	80
27) 2,4-Dimethylphenol	7.822	122	412576	40.964	ng		89
28) bis(2-Chloroethoxy)met...	7.916	93	591316	41.868	ng	#	96
29) 2,4-Dichlorophenol	8.028	162	409844	39.901	ng		94
30) 1,2,4-Trichlorobenzene	8.110	180	440857	39.360	ng		95
31) Naphthalene	8.192	128	1263030	37.048	ng		99
32) Benzoic acid	7.963	122	295882	43.284	ng	#	86
33) 4-Chloroaniline	8.239	127	272009	20.239	ng	#	90
34) Hexachlorobutadiene	8.304	225	289987	40.603	ng		99
35) Caprolactam	8.622	113	133897m	50.329	ng		
36) 4-Chloro-3-methylphenol	8.728	107	444261	42.368	ng		91
37) 2-Methylnaphthalene	8.886	142	885675	39.315	ng		98
38) 1-Methylnaphthalene	8.986	142	812911	38.642	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	448112	38.871	ng		98
41) Hexachlorocyclopentadiene	9.034	237	491835	81.205	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	317004	39.054	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	343592	40.234	ng	#	91
46) 1,1'-Biphenyl	9.351	154	1018546	35.805	ng		99
47) 2-Chloronaphthalene	9.375	162	849556	36.750	ng		98
48) 2-Nitroaniline	9.475	65	317024	44.241	ng	#	83
49) Acenaphthylene	9.792	152	1297024	38.504	ng		99
50) Dimethylphthalate	9.651	163	1016640	41.577	ng	#	96
51) 2,6-Dinitrotoluene	9.716	165	226949	42.804	ng	#	87
52) Acenaphthene	9.963	154	757775	36.287	ng		98
53) 3-Nitroaniline	9.886	138	160099	28.000	ng	#	79
54) 2,4-Dinitrophenol	9.998	184	233437	111.461	ng	#	78
55) Dibenzofuran	10.139	168	1113859	37.062	ng		98
56) 4-Nitrophenol	10.057	139	356479	78.729	ng	#	76
57) 2,4-Dinitrotoluene	10.122	165	300339	46.803	ng	#	98
58) Fluorene	10.480	166	891381	40.118	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	265436	41.884	ng	#	83
60) Diethylphthalate	10.351	149	978084	41.030	ng		97
61) 4-Chlorophenyl-phenyle...	10.469	204	459589	40.910	ng	#	87
62) 4-Nitroaniline	10.510	138	241307	46.932	ng	#	82
63) Azobenzene	10.628	77	1007162	37.668	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	165202	48.303	ng	#	75
66) n-Nitrosodiphenylamine	10.592	169	852643	36.850	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	320001	41.238	ng		96
68) Hexachlorobenzene	11.028	284	341822	42.820	ng	#	82
69) Atrazine	11.116	200	294243	44.316	ng		91
70) Pentachlorophenol	11.222	266	348656	74.801	ng		92
71) Phenanthrene	11.445	178	1337726	37.570	ng		98
72) Anthracene	11.498	178	1381319	39.359	ng		99
73) Carbazole	11.651	167	1192501	37.183	ng		100
74) Di-n-butylphthalate	11.975	149	1485100	39.022	ng		100
75) Fluoranthene	12.633	202	1400065	39.628	ng		97
77) Benzidine	12.757	184	764394	58.288	ng		98
78) Pyrene	12.863	202	1403376	43.569	ng		96
80) Butylbenzylphthalate	13.474	149	565373	44.670	ng		92
81) Benzo(a)anthracene	14.051	228	1102810	40.762	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	252636	30.124	ng	#	96
83) Chrysene	14.086	228	1064937	39.802	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	752247	43.244	ng		99
85) Di-n-octyl phthalate	14.645	149	1139764	39.395	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1127675	44.835	ng	#	89
88) Benzo(b)fluoranthene	15.115	252	1012905	39.712	ng	#	94
89) Benzo(k)fluoranthene	15.145	252	939350	39.466	ng		98
90) Benzo(a)pyrene	15.492	252	947703	42.063	ng	#	95
91) Dibenzo(a,h)anthracene	17.074	278	941460	43.303	ng	#	93
92) Benzo(g,h,i)perylene	17.515	276	966404	46.100	ng	#	88

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

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