Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
Data File : BF125411.D
Acq On : 9 Sep 2021 14:18
Operator : JU/CG
Sample : M3681-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BS-STOCKMS

Manual Integrations APPROVED
mohammad
9/10/2021 3:25:04 PM

Quant Time: Sep 09 14:52:18 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	6.886	152	173334	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	670755	20.000	ng		# 0.00
39) Acenaphthene-d10	9.927	164	365925	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	662829	20.000	ng		0.00
76) Chrysene-d12	14.062	240	389588	20.000	ng		# 0.00
86) Perylene-d12	15.551	264	337375	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1150937	100.503	ng		0.01
7) Phenol-d6	6.528	99	1468054	99.121	ng		0.00
23) Nitrobenzene-d5	7.457	82	983204	73.795	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	482277	132.032	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1680544	64.008	ng		0.00
79) Terphenyl-d14	13.004	244	1853673	75.800	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	198045	35.047	ng	#	100
3) Pyridine	3.516	79	470056	31.510	ng	#	91
4) n-Nitrosodimethylamine	3.469	42	285944	38.306	ng	#	36
6) Aniline	6.551	93	604051	34.721	ng	#	92
8) 2-Chlorophenol	6.675	128	480217	41.106	ng		82
9) Benzaldehyde	6.439	77	331249	31.869	ng		93
10) Phenol	6.539	94	614611	39.626	ng		85
11) bis(2-Chloroethyl)ether	6.622	93	495831	40.591	ng		84
12) 1,3-Dichlorobenzene	6.828	146	532308	39.321	ng		97
13) 1,4-Dichlorobenzene	6.904	146	537923	39.879	ng		98
14) 1,2-Dichlorobenzene	7.057	146	516319	40.685	ng		98
15) Benzyl Alcohol	7.033	79	463857	40.677	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	908311	37.078	ng		96
17) 2-Methylphenol	7.145	107	408076	41.583	ng	#	93
18) Hexachloroethane	7.398	117	195737	41.439	ng	#	87
19) n-Nitroso-di-n-propyla...	7.304	70	343780	38.590	ng	#	77
20) 3+4-Methylphenols	7.298	107	461078	37.429	ng	#	70
22) Acetophenone	7.298	105	664401	38.488	ng	#	86
24) Nitrobenzene	7.475	77	561351	38.667	ng		88
25) Isophorone	7.710	82	984533	38.305	ng	#	90
26) 2-Nitrophenol	7.786	139	266832	46.030	ng	#	80
27) 2,4-Dimethylphenol	7.828	122	419570	41.343	ng		90
28) bis(2-Chloroethoxy)met...	7.922	93	603672	42.419	ng	#	97
29) 2,4-Dichlorophenol	8.033	162	418404	40.426	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	447351	39.637	ng		95
31) Naphthalene	8.192	128	1300989	37.873	ng		100
32) Benzoic acid	7.963	122	316780	45.990	ng	#	82
33) 4-Chloroaniline	8.239	127	276234	20.398	ng	#	90
34) Hexachlorobutadiene	8.304	225	290033	40.302	ng		98
35) Caprolactam	8.622	113	137363m	51.241	ng		
36) 4-Chloro-3-methylphenol	8.727	107	454819	43.046	ng		88
37) 2-Methylnaphthalene	8.886	142	895612	39.455	ng		100
38) 1-Methylnaphthalene	8.986	142	832418	39.269	ng		96
40) 1,2,4,5-Tetrachloroben...	9.051	216	460150	38.489	ng		98
41) Hexachlorocyclopentadiene	9.039	237	507586	80.811	ng		96
43) 2,4,6-Trichlorophenol	9.163	196	321984	38.249	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	347308	39.216	ng		93
46) 1,1'-Biphenyl	9.351	154	1043238	35.363	ng		98
47) 2-Chloronaphthalene	9.374	162	885101	36.920	ng		98
48) 2-Nitroaniline	9.474	65	321302	43.236	ng	#	82
49) Acenaphthylene	9.792	152	1323435	37.884	ng		97
50) Dimethylphthalate	9.651	163	1031189	40.665	ng	#	97
51) 2,6-Dinitrotoluene	9.716	165	229835	41.799	ng	#	80
52) Acenaphthene	9.963	154	764353	35.294	ng		98
53) 3-Nitroaniline	9.886	138	165637	27.933	ng	#	80
54) 2,4-Dinitrophenol	9.998	184	242998	111.880	ng	#	78
55) Dibenzofuran	10.139	168	1129502	36.240	ng		97
56) 4-Nitrophenol	10.057	139	369202	78.625	ng	#	75
57) 2,4-Dinitrotoluene	10.121	165	302205	45.411	ng	#	97
58) Fluorene	10.480	166	900854	39.095	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	272055	41.394	ng	#	84
60) Diethylphthalate	10.351	149	999196	40.418	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	462615	39.708	ng		88
62) 4-Nitroaniline	10.510	138	246564	46.241	ng	#	84
63) Azobenzene	10.627	77	1040965	37.541	ng		90
65) 4,6-Dinitro-2-methylph...	10.533	198	168486	48.028	ng	#	78
66) n-Nitrosodiphenylamine	10.592	169	876732	36.941	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	323134	40.598	ng		95
68) Hexachlorobenzene	11.027	284	350509	42.807	ng	#	82
69) Atrazine	11.121	200	300085	44.063	ng		90
70) Pentachlorophenol	11.227	266	359652	75.225	ng		89
71) Phenanthrene	11.445	178	1366595	37.418	ng		98
72) Anthracene	11.498	178	1408023	39.113	ng		99
73) Carbazole	11.651	167	1219841	37.082	ng		99
74) Di-n-butylphthalate	11.974	149	1534593	39.311	ng		100
75) Fluoranthene	12.633	202	1423393	39.278	ng		97
77) Benzidine	12.757	184	774933	56.954	ng		99
78) Pyrene	12.863	202	1421290	42.530	ng		96
80) Butylbenzylphthalate	13.474	149	573196	43.651	ng		88
81) Benzo(a)anthracene	14.051	228	1132437	40.343	ng		99
82) 3,3'-Dichlorobenzidine	14.009	252	253208	29.100	ng		98
83) Chrysene	14.092	228	1091220	39.309	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	765579	42.419	ng		100
85) Di-n-octyl phthalate	14.645	149	1143696	38.101	ng		97
87) Indeno(1,2,3-cd)pyrene	17.056	276	1099257	45.227	ng	#	89
88) Benzo(b)fluoranthene	15.115	252	994398	40.344	ng	#	93
89) Benzo(k)fluoranthene	15.145	252	930559	40.459	ng		99
90) Benzo(a)pyrene	15.492	252	938914	43.124	ng	#	96
91) Dibenzo(a,h)anthracene	17.074	278	928729	44.205	ng	#	93
92) Benzo(g,h,i)perylene	17.515	276	953341	47.061	ng	#	87

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

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