Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125128.D
Acq On : 20 Aug 2021 11:21
Operator : JU/CG
Sample : PB138542BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138542BS

Manual Integrations APPROVED
mohammad
8/23/2021 12:26:07 PM

Quant Time: Aug 20 11:47:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 17:03:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	164995	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	630055	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	321963	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	564971	20.000	ng	0.00
76) Chrysene-d12	14.092	240	357409	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	329964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1194474	109.576	ng	0.02
7) Phenol-d6	6.545	99	1469249	104.215	ng	0.00
23) Nitrobenzene-d5	7.486	82	1015738	81.162	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	418573	130.238	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1729271	74.858	ng	0.00
79) Terphenyl-d14	13.033	244	1796853	80.092	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	192002	35.695	ng	# 100
3) Pyridine	3.563	79	447723	31.530	ng	90
4) n-Nitrosodimethylamine	3.528	42	298394	41.994	ng	# 42
6) Aniline	6.586	93	705083	42.576	ng	96
8) 2-Chlorophenol	6.704	128	475316	42.743	ng	# 79
9) Benzaldehyde	6.475	77	370358	37.432	ng	93
10) Phenol	6.557	94	580599	39.325	ng	95
11) bis(2-Chloroethyl)ether	6.657	93	496674	42.715	ng	87
12) 1,3-Dichlorobenzene	6.863	146	530235	41.147	ng	98
13) 1,4-Dichlorobenzene	6.939	146	533206	41.527	ng	98
14) 1,2-Dichlorobenzene	7.092	146	513451	42.504	ng	98
15) Benzyl Alcohol	7.057	79	446378	41.122	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1011606	43.381	ng	99
17) 2-Methylphenol	7.169	107	395946	42.386	ng	97
18) Hexachloroethane	7.433	117	194258	43.205	ng	90
19) n-Nitroso-di-n-propyla...	7.333	70	353726	41.713	ng	# 82
20) 3+4-Methylphenols	7.316	107	471093	40.175	ng	91
22) Acetophenone	7.333	105	670384	41.343	ng	# 95
24) Nitrobenzene	7.504	77	551999	40.479	ng	88
25) Isophorone	7.739	82	988727	40.953	ng	# 87
26) 2-Nitrophenol	7.816	139	246693	45.305	ng	# 78
27) 2,4-Dimethylphenol	7.851	122	430661	45.177	ng	87
28) bis(2-Chloroethoxy)met...	7.951	93	596492	44.622	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	396488	40.783	ng	95
30) 1,2,4-Trichlorobenzene	8.145	180	439791	41.484	ng	95
31) Naphthalene	8.228	128	1275685	39.535	ng	99
32) Benzoic acid	7.963	122	287476	44.431	ng	# 85
33) 4-Chloroaniline	8.269	127	435294	34.220	ng	# 89
34) Hexachlorobutadiene	8.339	225	281350	41.621	ng	99
35) Caprolactam	8.639	113	125806m	49.961	ng	
36) 4-Chloro-3-methylphenol	8.745	107	426189	42.942	ng	87
37) 2-Methylnaphthalene	8.916	142	871247	40.861	ng	100
38) 1-Methylnaphthalene	9.016	142	801101	40.233	ng	95
40) 1,2,4,5-Tetrachloroben...	9.086	216	419311	39.862	ng	98
41) Hexachlorocyclopentadiene	9.069	237	528586	95.645	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	297426	40.157	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	329091	42.233	ng		95
46) 1,1'-Biphenyl	9.380	154	1011822	38.981	ng		98
47) 2-Chloronaphthalene	9.410	162	831337	39.412	ng		97
48) 2-Nitroaniline	9.498	65	297563	45.509	ng	#	79
49) Acenaphthylene	9.827	152	1254212	40.804	ng		98
50) Dimethylphthalate	9.680	163	957286	42.905	ng		97
51) 2,6-Dinitrotoluene	9.745	165	209851	43.376	ng		96
52) Acenaphthene	9.998	154	827710	43.438	ng		98
53) 3-Nitroaniline	9.910	138	179450	34.395	ng	#	73
54) 2,4-Dinitrophenol	10.016	184	196443	102.795	ng	#	84
55) Dibenzofuran	10.169	168	1073630	39.151	ng		99
56) 4-Nitrophenol	10.069	139	354276	85.748	ng	#	81
57) 2,4-Dinitrotoluene	10.145	165	280459	47.898	ng	#	94
58) Fluorene	10.510	166	808422	39.875	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	246073	42.553	ng	#	87
60) Diethylphthalate	10.380	149	956555	43.977	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	419073	40.882	ng	#	87
62) 4-Nitroaniline	10.527	138	219917	46.875	ng	#	83
63) Azobenzene	10.663	77	989220	40.546	ng		92
65) 4,6-Dinitro-2-methylph...	10.551	198	127930	42.783	ng		95
66) n-Nitrosodiphenylamine	10.621	169	801267	39.609	ng		97
67) 4-Bromophenyl-phenylether	10.992	248	287392	42.361	ng		93
68) Hexachlorobenzene	11.057	284	298569	42.780	ng	#	87
69) Atrazine	11.145	200	269530	46.431	ng		90
70) Pentachlorophenol	11.251	266	343571	84.309	ng		91
71) Phenanthrene	11.474	178	1226768	39.408	ng		98
72) Anthracene	11.527	178	1262113	41.133	ng		99
73) Carbazole	11.680	167	1090030	38.875	ng		99
74) Di-n-butylphthalate	12.004	149	1462201	43.944	ng		99
75) Fluoranthene	12.663	202	1267981	41.050	ng		98
77) Benzidine	12.780	184	843092	67.542	ng		96
78) Pyrene	12.892	202	1279729	41.741	ng		96
80) Butylbenzylphthalate	13.510	149	559819	46.470	ng		92
81) Benzo(a)anthracene	14.080	228	1048917	40.732	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	337566	42.288	ng		98
83) Chrysene	14.115	228	1047277	41.123	ng		97
84) Bis(2-ethylhexyl)phtha...	14.062	149	777347	46.949	ng		99
85) Di-n-octyl phthalate	14.680	149	1269215	46.089	ng		100
87) Indeno(1,2,3-cd)pyrene	17.103	276	1072063	45.099	ng	#	91
88) Benzo(b)fluoranthene	15.145	252	1056097	43.810	ng	#	94
89) Benzo(k)fluoranthene	15.174	252	907822	40.357	ng		99
90) Benzo(a)pyrene	15.527	252	945315	44.393	ng	#	94
91) Dibenzo(a,h)anthracene	17.127	278	905709	44.078	ng	#	94
92) Benzo(g,h,i)perylene	17.568	276	914321	46.149	ng	#	88

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

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