Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126130.D
Acq On : 11 Nov 2021 17:40
Operator : JU/CG
Sample : M4635-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B20-11921-0-10MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 12 10:01:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	133079	20.000	ng	-0.02
21) Naphthalene-d8	8.127	136	492580	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	290810	20.000	ng	-0.01
64) Phenanthrene-d10	11.368	188	557412	20.000	ng	# 0.00
76) Chrysene-d12	14.009	240	381835	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	393788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1018281	131.401	ng	0.00
7) Phenol-d6	6.475	99	1299477	118.955	ng	-0.01
23) Nitrobenzene-d5	7.404	82	951594	91.107	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	470472	141.169	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1801153	83.698	ng	-0.01
79) Terphenyl-d14	12.951	244	2085934	88.092	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	138585	43.009	ng	# 100
3) Pyridine	3.375	79	313915	36.203	ng	95
4) n-Nitrosodimethylamine	3.316	42	261778	43.053	ng	# 82
6) Aniline	6.504	93	421442	34.987	ng	# 93
8) 2-Chlorophenol	6.628	128	401091	48.437	ng	82
9) Benzaldehyde	6.392	77	278909	46.437	ng	92
10) Phenol	6.486	94	539552	48.304	ng	79
11) bis(2-Chloroethyl)ether	6.581	93	386189	47.467	ng	94
12) 1,3-Dichlorobenzene	6.786	146	450128	47.729	ng	95
13) 1,4-Dichlorobenzene	6.863	146	463231	48.169	ng	98
14) 1,2-Dichlorobenzene	7.010	146	433673	46.808	ng	95
15) Benzyl Alcohol	6.986	79	423754	45.422	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	635750	42.496	ng	92
17) 2-Methylphenol	7.098	107	344792	48.926	ng	# 92
18) Hexachloroethane	7.357	117	177643	49.168	ng	# 81
19) n-Nitroso-di-n-propyla...	7.257	70	329294	45.724	ng	# 82
20) 3+4-Methylphenols	7.251	107	448109	47.033	ng	# 64
22) Acetophenone	7.251	105	622391	43.748	ng	# 82
24) Nitrobenzene	7.428	77	505511	48.866	ng	# 88
25) Isophorone	7.663	82	837548	44.538	ng	# 87
26) 2-Nitrophenol	7.739	139	209675	56.395	ng	# 64
27) 2,4-Dimethylphenol	7.780	122	353302	51.530	ng	# 80
28) bis(2-Chloroethoxy)met...	7.875	93	479054	43.200	ng	# 97
29) 2,4-Dichlorophenol	7.980	162	371741	48.034	ng	93
30) 1,2,4-Trichlorobenzene	8.069	180	434168	46.010	ng	97
31) Naphthalene	8.151	128	1177935	46.169	ng	98
32) Benzoic acid	7.904	122	218628	50.757	ng	# 74
33) 4-Chloroaniline	8.192	127	160178	15.709	ng	# 90
34) Hexachlorobutadiene	8.269	225	296916	45.709	ng	98
35) Caprolactam	8.563	113	102702m	47.655	ng	
36) 4-Chloro-3-methylphenol	8.680	107	419217	46.974	ng	89
37) 2-Methylnaphthalene	8.839	142	846110	48.017	ng	99
38) 1-Methylnaphthalene	8.939	142	784899	45.985	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	452667	46.447	ng	99
41) Hexachlorocyclopentadiene	8.998	237	537700	106.186	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	288876	48.948	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	310846	48.755	ng		96
46) 1,1'-Biphenyl	9.304	154	1037358	46.150	ng		99
47) 2-Chloronaphthalene	9.327	162	825711	46.670	ng		100
48) 2-Nitroaniline	9.422	65	287292	49.548	ng	#	77
49) Acenaphthylene	9.745	152	1273252	47.587	ng		99
50) Dimethylphthalate	9.604	163	989784	46.749	ng		98
51) 2,6-Dinitrotoluene	9.663	165	211080	58.164	ng	#	70
52) Acenaphthene	9.916	154	787322	46.653	ng		97
53) 3-Nitroaniline	9.833	138	119503	32.122	ng	#	74
54) 2,4-Dinitrophenol	9.939	184	212071	99.650	ng	#	85
55) Dibenzofuran	10.092	168	1154314	45.437	ng		97
56) 4-Nitrophenol	9.998	139	317724	108.211	ng	#	55
57) 2,4-Dinitrotoluene	10.069	165	292143	55.364	ng	#	88
58) Fluorene	10.433	166	944904	46.329	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	262235	48.572	ng	#	88
60) Diethylphthalate	10.304	149	968418	45.611	ng		100
61) 4-Chlorophenyl-phenyle...	10.421	204	491920	45.099	ng		91
62) 4-Nitroaniline	10.445	138	202397	52.161	ng		86
63) Azobenzene	10.580	77	982359	42.610	ng		90
65) 4,6-Dinitro-2-methylph...	10.480	198	148528	54.069	ng		80
66) n-Nitrosodiphenylamine	10.545	169	798703	44.995	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	304707	45.131	ng		92
68) Hexachlorobenzene	10.980	284	339746	48.171	ng	#	88
69) Atrazine	11.068	200	306257	48.777	ng		90
70) Pentachlorophenol	11.174	266	355047	93.422	ng		93
71) Phenanthrene	11.392	178	1385652	45.839	ng		98
72) Anthracene	11.445	178	1406195	46.594	ng		98
73) Carbazole	11.598	167	1191077	42.553	ng		99
74) Di-n-butylphthalate	11.933	149	1487684	45.614	ng		99
75) Fluoranthene	12.580	202	1483701	44.077	ng		95
77) Benzidine	12.698	184	475216	37.230	ng		98
78) Pyrene	12.810	202	1484517	48.480	ng		97
80) Butylbenzylphthalate	13.427	149	533272	47.811	ng	#	85
81) Benzo(a)anthracene	13.998	228	1167107	44.493	ng		100
82) 3,3'-Dichlorobenzidine	13.957	252	298006	38.931	ng	#	98
83) Chrysene	14.033	228	1134858	46.496	ng		97
84) Bis(2-ethylhexyl)phtha...	13.992	149	695385	44.983	ng	#	100
85) Di-n-octyl phthalate	14.604	149	1099763	50.072	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1306888	56.070	ng	#	84
88) Benzo(b)fluoranthene	15.045	252	1216650	47.499	ng	#	94
89) Benzo(k)fluoranthene	15.074	252	1030091	41.458	ng		98
90) Benzo(a)pyrene	15.409	252	1099370	54.479	ng	#	94
91) Dibenzo(a,h)anthracene	16.950	278	1084219	56.635	ng	#	92
92) Benzo(g,h,i)perylene	17.380	276	1076269	58.620	ng	#	82

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

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