Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126129.D
Acq On : 11 Nov 2021 17:07
Operator : JU/CG
Sample : M4635-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

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

Quant Time: Nov 12 09:58:55 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	6.840	152	134421	20.000	ng	-0.02
21) Naphthalene-d8	8.128	136	486880	20.000	ng	#-0.01
39) Acenaphthene-d10	9.881	164	297385	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	570403	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	399044	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	384709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1008346	128.820	ng	0.00
7) Phenol-d6	6.475	99	1295268	117.386	ng	-0.01
23) Nitrobenzene-d5	7.404	82	943617	91.401	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	485560	142.475	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1806393	82.085	ng	-0.01
79) Terphenyl-d14	12.957	244	2213463	89.447	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	134666	41.375	ng	# 100
3) Pyridine	3.375	79	313528	35.798	ng	92
4) n-Nitrosodimethylamine	3.322	42	262209	42.693	ng	# 83
6) Aniline	6.504	93	408620	33.584	ng	# 89
8) 2-Chlorophenol	6.628	128	399602	47.775	ng	82
9) Benzaldehyde	6.393	77	270389	43.534	ng	93
10) Phenol	6.487	94	532489	47.196	ng	79
11) bis(2-Chloroethyl)ether	6.581	93	383764	46.698	ng	95
12) 1,3-Dichlorobenzene	6.787	146	441520	46.349	ng	94
13) 1,4-Dichlorobenzene	6.863	146	453877	46.725	ng	98
14) 1,2-Dichlorobenzene	7.010	146	434618	46.442	ng	95
15) Benzyl Alcohol	6.987	79	417516	44.306	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.122	45	630429	41.720	ng	92
17) 2-Methylphenol	7.098	107	333528	46.855	ng	# 90
18) Hexachloroethane	7.357	117	173928	47.660	ng	# 82
19) n-Nitroso-di-n-propyla...	7.257	70	328612	45.174	ng	# 79
20) 3+4-Methylphenols	7.251	107	442096	45.939	ng	# 65
22) Acetophenone	7.251	105	630693	44.851	ng	# 84
24) Nitrobenzene	7.422	77	498398	48.742	ng	# 83
25) Isophorone	7.663	82	842007	45.299	ng	# 88
26) 2-Nitrophenol	7.739	139	206695	56.257	ng	# 61
27) 2,4-Dimethylphenol	7.781	122	346531	51.134	ng	# 79
28) bis(2-Chloroethoxy)met...	7.875	93	480356	43.825	ng	# 96
29) 2,4-Dichlorophenol	7.981	162	368985	48.236	ng	93
30) 1,2,4-Trichlorobenzene	8.069	180	428145	45.903	ng	97
31) Naphthalene	8.151	128	1165508	46.217	ng	99
32) Benzoic acid	7.898	122	208625	49.318	ng	# 70
33) 4-Chloroaniline	8.192	127	161947	16.068	ng	# 89
34) Hexachlorobutadiene	8.269	225	290376	45.225	ng	99
35) Caprolactam	8.563	113	102688m	48.206	ng	
36) 4-Chloro-3-methylphenol	8.681	107	419093	47.510	ng	87
37) 2-Methylnaphthalene	8.839	142	843296	48.417	ng	99
38) 1-Methylnaphthalene	8.939	142	780911	46.287	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	448797	45.032	ng	98
41) Hexachlorocyclopentadiene	8.998	237	525736	101.528	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	287322	47.608	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.157	196	315623	48.410	ng		94
46)	1,1'-Biphenyl	9.304	154	1016433	44.220	ng		99
47)	2-Chloronaphthalene	9.328	162	823745	45.530	ng		99
48)	2-Nitroaniline	9.422	65	288349	48.684	ng	#	74
49)	Acenaphthylene	9.745	152	1269569	46.401	ng		98
50)	Dimethylphthalate	9.604	163	1004706	46.405	ng		98
51)	2,6-Dinitrotoluene	9.663	165	213330	57.484	ng	#	68
52)	Acenaphthene	9.916	154	792690	45.933	ng		97
53)	3-Nitroaniline	9.833	138	125825	33.073	ng	#	74
54)	2,4-Dinitrophenol	9.939	184	216318	99.482	ng	#	85
55)	Dibenzofuran	10.086	168	1155850	44.491	ng		98
56)	4-Nitrophenol	9.998	139	322232	107.320	ng	#	55
57)	2,4-Dinitrotoluene	10.069	165	294784	54.671	ng	#	90
58)	Fluorene	10.433	166	956641	45.868	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.204	232	262202	47.492	ng	#	89
60)	Diethylphthalate	10.304	149	976358	44.968	ng		98
61)	4-Chlorophenyl-phenyle...	10.422	204	492614	44.164	ng		91
62)	4-Nitroaniline	10.451	138	210647	53.087	ng		91
63)	Azobenzene	10.580	77	998477	42.352	ng		90
65)	4,6-Dinitro-2-methylph...	10.480	198	148825	53.116	ng	#	78
66)	n-Nitrosodiphenylamine	10.539	169	807896	44.476	ng		96
67)	4-Bromophenyl-phenylether	10.910	248	310930	45.004	ng		94
68)	Hexachlorobenzene	10.980	284	341733	47.349	ng	#	88
69)	Atrazine	11.069	200	318458	49.565	ng		94
70)	Pentachlorophenol	11.175	266	375550	96.566	ng		92
71)	Phenanthrene	11.392	178	1411834	45.641	ng		97
72)	Anthracene	11.445	178	1443808	46.751	ng		99
73)	Carbazole	11.598	167	1231583	42.998	ng		99
74)	Di-n-butylphthalate	11.927	149	1490600	44.663	ng	#	98
75)	Fluoranthene	12.580	202	1565443	45.446	ng		96
77)	Benzidine	12.698	184	487927	36.577	ng		97
78)	Pyrene	12.810	202	1537444	48.043	ng		96
80)	Butylbenzylphthalate	13.427	149	568168	48.742	ng		86
81)	Benzo(a)anthracene	13.998	228	1214529	44.304	ng		98
82)	3,3'-Dichlorobenzidine	13.957	252	300160	37.522	ng		99
83)	Chrysene	14.033	228	1173719	46.014	ng		97
84)	Bis(2-ethylhexyl)phtha...	13.992	149	738585	45.717	ng	#	99
85)	Di-n-octyl phthalate	14.604	149	1107738	48.260	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.939	276	1297951	57.000	ng	#	83
88)	Benzo(b)fluoranthene	15.045	252	1183911	47.312	ng	#	94
89)	Benzo(k)fluoranthene	15.080	252	1051203	43.306	ng	#	97
90)	Benzo(a)pyrene	15.415	252	1093307	55.457	ng	#	94
91)	Dibenzo(a,h)anthracene	16.957	278	1090403	58.303	ng	#	90
92)	Benzo(g,h,i)perylene	17.380	276	1076104	59.994	ng	#	83

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

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