Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126126.D
Acq On : 11 Nov 2021 15:22
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 11 17:35:20 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	6.845	152	173328	20.000	ng		-0.01
21) Naphthalene-d8	8.128	136	614273	20.000	ng		#-0.01
39) Acenaphthene-d10	9.886	164	358873	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	664244	20.000	ng		# 0.00
76) Chrysene-d12	14.010	240	437479	20.000	ng		# 0.00
86) Perylene-d12	15.468	264	346770	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	819165	81.160	ng		0.00
7) Phenol-d6	6.475	99	1135357	79.797	ng		-0.01
23) Nitrobenzene-d5	7.410	82	1124171	86.307	ng		-0.01
42) 2,4,6-Tribromophenol	10.675	330	370616	90.115	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2067060	77.837	ng		-0.01
79) Terphenyl-d14	12.957	244	2328461	85.827	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	165060	39.330	ng	#	100
3) Pyridine	3.340	79	447922	39.663	ng		95
4) n-Nitrosodimethylamine	3.293	42	289327	36.534	ng	#	78
6) Aniline	6.510	93	622240	39.661	ng	#	92
8) 2-Chlorophenol	6.628	128	431261	39.987	ng	#	79
9) Benzaldehyde	6.393	77	316560	37.728	ng		90
10) Phenol	6.492	94	581454	39.967	ng		76
11) bis(2-Chloroethyl)ether	6.581	93	409106	38.607	ng		88
12) 1,3-Dichlorobenzene	6.787	146	492073	40.060	ng	#	94
13) 1,4-Dichlorobenzene	6.863	146	499381	39.870	ng		96
14) 1,2-Dichlorobenzene	7.016	146	479320	39.721	ng		95
15) Benzyl Alcohol	6.987	79	478452	39.376	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.122	45	667998	34.283	ng		94
17) 2-Methylphenol	7.098	107	363905	39.647	ng	#	90
18) Hexachloroethane	7.357	117	186911	39.720	ng	#	84
19) n-Nitroso-di-n-propyla...	7.263	70	349797	37.292	ng	#	80
20) 3+4-Methylphenols	7.251	107	494311	39.835	ng	#	74
22) Acetophenone	7.257	105	675993	38.102	ng	#	90
24) Nitrobenzene	7.428	77	533657	41.367	ng	#	83
25) Isophorone	7.669	82	871571	37.165	ng	#	88
26) 2-Nitrophenol	7.745	139	220918	48.366	ng	#	73
27) 2,4-Dimethylphenol	7.781	122	330004	38.597	ng	#	75
28) bis(2-Chloroethoxy)met...	7.881	93	520590	37.645	ng		98
29) 2,4-Dichlorophenol	7.987	162	400213	41.468	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	465718	39.576	ng		97
31) Naphthalene	8.151	128	1235247	38.824	ng		99
32) Benzoic acid	7.904	122	235048	45.019	ng	#	62
33) 4-Chloroaniline	8.198	127	505230	39.732	ng	#	90
34) Hexachlorobutadiene	8.269	225	315954	39.004	ng		99
35) Caprolactam	8.575	113	108426	40.344	ng	#	79
36) 4-Chloro-3-methylphenol	8.681	107	440766	39.605	ng		89
37) 2-Methylnaphthalene	8.839	142	850220	38.691	ng		99
38) 1-Methylnaphthalene	8.939	142	813189	38.204	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	481179	40.009	ng		98
41) Hexachlorocyclopentadiene	8.998	237	235972	37.762	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	318430	43.723	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	336949	42.826	ng		96
46) 1,1'-Biphenyl	9.304	154	1093930	39.437	ng		98
47) 2-Chloronaphthalene	9.334	162	874741	40.064	ng		97
48) 2-Nitroaniline	9.422	65	304891	43.010	ng	#	74
49) Acenaphthylene	9.745	152	1297874	39.308	ng		98
50) Dimethylphthalate	9.610	163	1014466	38.828	ng	#	98
51) 2,6-Dinitrotoluene	9.669	165	215433	48.105	ng		87
52) Acenaphthene	9.922	154	855287	41.069	ng		98
53) 3-Nitroaniline	9.833	138	216860	47.235	ng	#	63
54) 2,4-Dinitrophenol	9.939	184	102602	52.443	ng		90
55) Dibenzofuran	10.092	168	1229827	39.228	ng		99
56) 4-Nitrophenol	9.992	139	164692	45.453	ng	#	59
57) 2,4-Dinitrotoluene	10.069	165	290280	45.194	ng	#	90
58) Fluorene	10.433	166	952149	37.830	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	279437	41.942	ng	#	87
60) Diethylphthalate	10.304	149	979600	37.387	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	513290	38.133	ng		93
62) 4-Nitroaniline	10.451	138	220290	46.005	ng		91
63) Azobenzene	10.586	77	1029920	36.201	ng		91
65) 4,6-Dinitro-2-methylph...	10.480	198	165254	51.034	ng		84
66) n-Nitrosodiphenylamine	10.545	169	827256	39.108	ng		97
67) 4-Bromophenyl-phenylether	10.916	248	319239	39.679	ng		93
68) Hexachlorobenzene	10.980	284	342828	40.790	ng	#	90
69) Atrazine	11.069	200	304255	40.664	ng		93
70) Pentachlorophenol	11.175	266	192042	42.404	ng		95
71) Phenanthrene	11.392	178	1398716	38.829	ng		97
72) Anthracene	11.445	178	1399127	38.904	ng		98
73) Carbazole	11.598	167	1297873	38.910	ng		99
74) Di-n-butylphthalate	11.933	149	1461055	37.593	ng		99
75) Fluoranthene	12.580	202	1550644	38.657	ng		96
77) Benzidine	12.698	184	505216	34.546	ng	#	97
78) Pyrene	12.810	202	1525580	43.484	ng		97
80) Butylbenzylphthalate	13.427	149	550346	43.066	ng		87
81) Benzo(a)anthracene	13.998	228	1184835	39.424	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	348493	39.736	ng	#	98
83) Chrysene	14.039	228	1114088	39.839	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	620221	35.018	ng	#	99
85) Di-n-octyl phthalate	14.604	149	845851	33.613	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	917948	44.723	ng	#	84
88) Benzo(b)fluoranthene	15.045	252	864128	38.311	ng	#	94
89) Benzo(k)fluoranthene	15.080	252	805035	36.793	ng	#	96
90) Benzo(a)pyrene	15.410	252	691438	38.910	ng	#	93
91) Dibenzo(a,h)anthracene	16.951	278	750512	44.519	ng	#	89
92) Benzo(g,h,i)perylene	17.374	276	738607	45.684	ng	#	83

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

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