Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102921\
Data File : BF126007.D
Acq On : 29 Oct 2021 16:08
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
11/1/2021 1:37:51 PM

Quant Time: Oct 29 17:20:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 29 17:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	231371	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	853098	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	478537	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	845990	20.000	ng	0.00
76) Chrysene-d12	14.015	240	497489	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	415275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1594920	102.678	ng	0.00
7) Phenol-d6	6.492	99	2187004	102.652	ng	0.00
23) Nitrobenzene-d5	7.428	82	1947741	117.932	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	498494	119.497	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2717293	100.417	ng	0.00
79) Terphenyl-d14	12.963	244	2942618	96.752	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	399158	52.590	ng	# 100
3) Pyridine	3.369	79	1117030	55.582	ng	90
4) n-Nitrosodimethylamine	3.334	42	571447	44.333	ng	# 54
6) Aniline	6.528	93	1383326	55.124	ng	# 91
8) 2-Chlorophenol	6.645	128	810929	51.722	ng	# 77
9) Benzaldehyde	6.404	77	594346	46.621	ng	93
10) Phenol	6.504	94	1130541	55.035	ng	82
11) bis(2-Chloroethyl)ether	6.598	93	895177	54.112	ng	# 80
12) 1,3-Dichlorobenzene	6.798	146	880038m	50.812	ng	
13) 1,4-Dichlorobenzene	6.875	146	881149	50.859	ng	95
14) 1,2-Dichlorobenzene	7.034	146	790672	47.081	ng	96
15) Benzyl Alcohol	6.998	79	833213	51.660	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1770455	43.700	ng	99
17) 2-Methylphenol	7.110	107	738993	54.569	ng	96
18) Hexachloroethane	7.369	117	340816	51.885	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	647759	53.216	ng	# 81
22) Acetophenone	7.275	105	1121663	50.925	ng	92
24) Nitrobenzene	7.445	77	971800	56.989	ng	# 88
25) Isophorone	7.686	82	1795123	57.075	ng	# 87
26) 2-Nitrophenol	7.757	139	426197	77.085	ng	# 72
27) 2,4-Dimethylphenol	7.792	122	681746m	55.530	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	1098332	55.661	ng	# 97
29) 2,4-Dichlorophenol	7.998	162	669907	55.664	ng	90
30) 1,2,4-Trichlorobenzene	8.081	180	749953	53.131	ng	99
31) Naphthalene	8.163	128	2253065	51.941	ng	99
32) Benzoic acid	7.933	122	620904	83.513	ng	# 84
33) 4-Chloroaniline	8.210	127	993835	55.598	ng	# 88
34) Hexachlorobutadiene	8.281	225	460359	51.894	ng	99
35) Caprolactam	8.598	113	242041m	61.436	ng	
36) 4-Chloro-3-methylphenol	8.692	107	785849	55.795	ng	90
37) 2-Methylnaphthalene	8.851	142	1474335	52.803	ng	91
38) 1-Methylnaphthalene	8.951	142	1421707	52.757	ng	90
40) 1,2,4,5-Tetrachloroben...	9.022	216	688063	52.195	ng	99
41) Hexachlorocyclopentadiene	9.010	237	384945	54.067	ng	97
43) 2,4,6-Trichlorophenol	9.128	196	500289	55.607	ng	93
44) 2,4,5-Trichlorophenol	9.169	196	529068	55.739	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.316	154	1760076	50.216	ng		97
47) 2-Chloronaphthalene	9.339	162	1353018	51.200	ng		94
48) 2-Nitroaniline	9.433	65	623385	66.044	ng	#	71
49) Acenaphthylene	9.757	152	2008976	50.327	ng		96
50) Dimethylphthalate	9.622	163	1559198	52.600	ng	#	96
51) 2,6-Dinitrotoluene	9.680	165	368783	63.075	ng	#	83
52) Acenaphthene	9.927	154	1401263	54.015	ng		98
53) 3-Nitroaniline	9.845	138	425649	63.506	ng	#	66
54) 2,4-Dinitrophenol	9.951	184	201179	99.362	ng	#	84
55) Dibenzofuran	10.098	168	1959434	50.569	ng		97
56) 4-Nitrophenol	10.004	139	349174	67.039	ng	#	76
57) 2,4-Dinitrotoluene	10.080	165	484878	67.518	ng	#	89
58) Fluorene	10.445	166	1374138	47.565	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	445861	57.547	ng	#	86
60) Diethylphthalate	10.316	149	1554432	51.410	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	666125	46.717	ng		89
62) 4-Nitroaniline	10.463	138	411622	66.932	ng		84
63) Azobenzene	10.598	77	1828229	52.424	ng		93
65) 4,6-Dinitro-2-methylph...	10.492	198	295111	88.747	ng		88
66) n-Nitrosodiphenylamine	10.557	169	1321765	52.162	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	485864	53.762	ng		95
68) Hexachlorobenzene	10.992	284	515221	54.077	ng	#	83
69) Atrazine	11.080	200	430980	53.703	ng		91
70) Pentachlorophenol	11.180	266	326221	60.650	ng		94
71) Phenanthrene	11.404	178	2182258	49.713	ng		96
72) Anthracene	11.457	178	2186623	49.890	ng		97
73) Carbazole	11.610	167	2109614	50.633	ng		98
74) Di-n-butylphthalate	11.939	149	2279146	51.345	ng		98
75) Fluoranthene	12.586	202	2241392	50.650	ng		96
78) Pyrene	12.816	202	2311777	49.934	ng		95
80) Butylbenzylphthalate	13.439	149	939941	62.413	ng	#	86
81) Benzo(a)anthracene	14.004	228	1708622	51.029	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	602339	56.734	ng	#	99
83) Chrysene	14.045	228	1747524	51.584	ng		97
84) Bis(2-ethylhexyl)phtha...	13.998	149	1016483	62.301	ng		98
85) Di-n-octyl phthalate	14.610	149	1703440	67.393	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.939	276	1597143	53.386	ng	#	91
88) Benzo(b)fluoranthene	15.051	252	1473623	53.761	ng	#	96
89) Benzo(k)fluoranthene	15.080	252	1476052	56.061	ng		99
90) Benzo(a)pyrene	15.415	252	1252865	56.618	ng	#	95
91) Dibenzo(a,h)anthracene	16.956	278	1284429	52.996	ng	#	95
92) Benzo(g,h,i)perylene	17.380	276	1356080	53.553	ng	#	90

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

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