Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
Data File : BP011719.D
Acq On : 15 Sep 2022 23:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

Quant Time: Sep 16 03:01:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 19:12:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	483397	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	2000110	20.000	ng	#-0.01
39) Acenaphthene-d10	14.581	164	1124822	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	2130771	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1866630	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	1766798	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2162499	81.428	ng	0.00
7) Phenol-d6	7.093	99	2995099	84.605	ng	0.00
23) Nitrobenzene-d5	9.105	82	2806884	83.229	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	665669	75.742	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	5835193	80.639	ng	0.00
79) Terphenyl-d14	19.880	244	7019180	81.772	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	456624	39.043	ng	# 82
3) Pyridine	3.781	79	1398150	41.467	ng	# 78
4) n-Nitrosodimethylamine	3.687	42	549624	42.521	ng	# 49
6) Aniline	7.263	93	1825469	41.860	ng	89
8) 2-Chlorophenol	7.499	128	1291801	41.022	ng	93
9) Benzaldehyde	7.075	77	943968	41.658	ng	91
10) Phenol	7.122	94	1669033	41.917	ng	82
11) bis(2-Chloroethyl)ether	7.358	93	1297988	40.921	ng	94
12) 1,3-Dichlorobenzene	7.822	146	1386094	39.691	ng	# 93
13) 1,4-Dichlorobenzene	7.975	146	1410218	39.708	ng	98
14) 1,2-Dichlorobenzene	8.293	146	1353334	39.973	ng	96
15) Benzyl Alcohol	8.181	79	1076664	42.602	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.469	45	1815898	42.861	ng	94
17) 2-Methylphenol	8.381	107	1088442	42.102	ng	# 91
18) Hexachloroethane	9.022	117	504255	41.050	ng	91
19) n-Nitroso-di-n-propyla...	8.752	70	981837	42.836	ng	# 84
20) 3+4-Methylphenols	8.710	107	1492911	42.048	ng	92
22) Acetophenone	8.763	105	1906823	40.668	ng	# 88
24) Nitrobenzene	9.146	77	1452608	41.398	ng	91
25) Isophorone	9.675	82	2467584	41.362	ng	96
26) 2-Nitrophenol	9.857	139	571742	36.398	ng	# 85
27) 2,4-Dimethylphenol	9.916	122	1024469	41.074	ng	89
28) bis(2-Chloroethoxy)met...	10.157	93	1549778	40.624	ng	99
29) 2,4-Dichlorophenol	10.393	162	1119919	40.533	ng	98
30) 1,2,4-Trichlorobenzene	10.610	180	1188149	38.842	ng	99
31) Naphthalene	10.799	128	4134727	39.836	ng	100
32) Benzoic acid	10.052	122	715401	36.057	ng	88
33) 4-Chloroaniline	10.910	127	1654973	40.640	ng	# 92
34) Hexachlorobutadiene	11.087	225	638189	37.873	ng	97
35) Caprolactam	11.704	113	352113	39.330	ng	# 76
36) 4-Chloro-3-methylphenol	12.028	107	1215929	40.920	ng	92
37) 2-Methylnaphthalene	12.404	142	2762212	39.766	ng	97
38) 1-Methylnaphthalene	12.622	142	2708034	39.876	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	1158570	39.026	ng	97
41) Hexachlorocyclopentadiene	12.751	237	579787	39.127	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	816827	40.450	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.081	196	910274	40.317	ng		98
46)	1,1'-Biphenyl	13.416	154	3286932	40.169	ng		100
47)	2-Chloronaphthalene	13.451	162	2569841	39.916	ng		100
48)	2-Nitroaniline	13.657	65	791573	43.842	ng		87
49)	Acenaphthylene	14.298	152	4074697	40.903	ng		99
50)	Dimethylphthalate	14.040	163	3107572	39.602	ng		100
51)	2,6-Dinitrotoluene	14.151	165	657975	41.349	ng		89
52)	Acenaphthene	14.640	154	2667529m	40.255	ng		
53)	3-Nitroaniline	14.481	138	771391	38.737	ng		92
54)	2,4-Dinitrophenol	14.681	184	277248	34.260	ng		92
55)	Dibenzofuran	14.975	168	3794547	39.765	ng		99
56)	4-Nitrophenol	14.781	139	615369	39.800	ng	#	75
57)	2,4-Dinitrotoluene	14.940	165	858142	37.804	ng	#	87
58)	Fluorene	15.628	166	3139862	40.567	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.198	232	719139	38.770	ng		91
60)	Diethylphthalate	15.398	149	3154856	40.383	ng		98
61)	4-Chlorophenyl-phenyle...	15.622	204	1411469	39.451	ng		97
62)	4-Nitroaniline	15.645	138	799467	39.280	ng	#	80
63)	Azobenzene	15.916	77	3217473	42.856	ng		91
65)	4,6-Dinitro-2-methylph...	15.698	198	390298	35.686	ng		90
66)	n-Nitrosodiphenylamine	15.834	169	2622147	41.360	ng		98
67)	4-Bromophenyl-phenylether	16.516	248	779200	39.064	ng		96
68)	Hexachlorobenzene	16.628	284	825116	38.409	ng	#	91
69)	Atrazine	16.792	200	770843	39.832	ng		97
70)	Pentachlorophenol	16.975	266	521021	38.231	ng		99
71)	Phenanthrene	17.375	178	4658688	40.182	ng		98
72)	Anthracene	17.463	178	4525331	41.269	ng		98
73)	Carbazole	17.734	167	4254208	41.124	ng		99
74)	Di-n-butylphthalate	18.281	149	5188557	41.612	ng		99
75)	Fluoranthene	19.333	202	5000859	39.993	ng		95
77)	Benzidine	19.510	184	1720160	38.750	ng		99
78)	Pyrene	19.686	202	5217730	41.444	ng		98
80)	Butylbenzylphthalate	20.557	149	2244349	42.541	ng		94
81)	Benzo(a)anthracene	21.392	228	4870981	40.486	ng		95
82)	3,3'-Dichlorobenzidine	21.322	252	1533487	41.965	ng	#	98
83)	Chrysene	21.445	228	4623998	40.225	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.316	149	3302117	43.509	ng	#	99
85)	Di-n-octyl phthalate	22.257	149	5344149	41.034	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	26.427	276	5246875	41.221	ng	#	89
88)	Benzo(b)fluoranthene	23.110	252	4418593	40.436	ng	#	97
89)	Benzo(k)fluoranthene	23.163	252	4596724	41.744	ng	#	96
90)	Benzo(a)pyrene	23.751	252	3727781	41.296	ng	#	95
91)	Dibenzo(a,h)anthracene	26.445	278	4365039	41.299	ng	#	92
92)	Benzo(g,h,i)perylene	27.215	276	4162682	40.397	ng	#	90

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

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