Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091322\
Data File : BP011683.D
Acq On : 13 Sep 2022 13:12
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 13 14:16:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 14:11:58 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/14/2022
Supervised By :Jagrut Upadhyay 09/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.952	152	475974	20.000	ng		0.00
21) Naphthalene-d8	10.769	136	1848196	20.000	ng	#	0.00
39) Acenaphthene-d10	14.593	164	1065679	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	2103206	20.000	ng	#	0.00
76) Chrysene-d12	21.427	240	1960420	20.000	ng	#	0.00
86) Perylene-d12	23.892	264	1931942	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	2661396	98.891	ng		0.00
7) Phenol-d6	7.111	99	3472059	97.500	ng		0.00
23) Nitrobenzene-d5	9.122	82	3130540	103.974	ng		0.00
42) 2,4,6-Tribromophenol	16.081	330	918487	76.283	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	6711962	90.066	ng		0.00
79) Terphenyl-d14	19.898	244	8709252	93.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	566399	53.476	ng	#	79
3) Pyridine	3.799	79	1669616m	57.890	ng		
4) n-Nitrosodimethylamine	3.711	42	593140	49.243	ng	#	36
6) Aniline	7.281	93	2136206	52.217	ng		88
8) 2-Chlorophenol	7.516	128	1523521	49.509	ng		90
9) Benzaldehyde	7.093	77	1029615	49.253	ng		88
10) Phenol	7.140	94	1948299	52.318	ng		80
11) bis(2-Chloroethyl)ether	7.375	93	1489639	50.896	ng		91
12) 1,3-Dichlorobenzene	7.840	146	1665106	47.301	ng	#	92
13) 1,4-Dichlorobenzene	7.987	146	1700966	47.399	ng		97
14) 1,2-Dichlorobenzene	8.311	146	1605940	47.114	ng		97
15) Benzyl Alcohol	8.199	79	1242462	52.167	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.493	45	1816207	48.145	ng		91
17) 2-Methylphenol	8.393	107	1259627	51.174	ng	#	91
18) Hexachloroethane	9.040	117	585510	48.457	ng		95
19) n-Nitroso-di-n-propyla...	8.769	70	1075374	51.855	ng	#	79
20) 3+4-Methylphenols	8.728	107	1739871	52.155	ng		91
22) Acetophenone	8.781	105	2174070	48.666	ng	#	85
24) Nitrobenzene	9.163	77	1606693	51.676	ng	#	87
25) Isophorone	9.693	82	2768219	50.996	ng		94
26) 2-Nitrophenol	9.875	139	733213	62.888	ng	#	79
27) 2,4-Dimethylphenol	9.934	122	1201886	51.063	ng		88
28) bis(2-Chloroethoxy)met...	10.175	93	1711058	50.390	ng		98
29) 2,4-Dichlorophenol	10.410	162	1337272	48.723	ng		96
30) 1,2,4-Trichlorobenzene	10.628	180	1422319	44.163	ng		98
31) Naphthalene	10.816	128	4747378	48.034	ng		99
32) Benzoic acid	10.075	122	942809	68.388	ng	#	85
33) 4-Chloroaniline	10.928	127	1945017	49.885	ng	#	91
34) Hexachlorobutadiene	11.104	225	787431	41.092	ng		99
35) Caprolactam	11.728	113	433802	54.855	ng	#	65
36) 4-Chloro-3-methylphenol	12.046	107	1415110	52.326	ng		91
37) 2-Methylnaphthalene	12.422	142	3194416	47.476	ng		97
38) 1-Methylnaphthalene	12.640	142	3108587	47.431	ng		100
40) 1,2,4,5-Tetrachloroben...	12.787	216	1421252	42.462	ng		99
41) Hexachlorocyclopentadiene	12.769	237	725722	45.864	ng		100
43) 2,4,6-Trichlorophenol	13.028	196	1015401	50.693	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.099	196	1120792	49.016	ng		96
46)	1,1'-Biphenyl	13.428	154	3811449	46.563	ng		99
47)	2-Chloronaphthalene	13.469	162	3006169	47.246	ng		99
48)	2-Nitroaniline	13.675	65	896580	61.367	ng	#	77
49)	Acenaphthylene	14.316	152	4819995	49.374	ng		99
50)	Dimethylphthalate	14.051	163	3691100	47.575	ng		100
51)	2,6-Dinitrotoluene	14.169	165	797621	53.190	ng	#	83
52)	Acenaphthene	14.657	154	3135903m	49.618	ng		
53)	3-Nitroaniline	14.498	138	939544	56.491	ng		89
54)	2,4-Dinitrophenol	14.698	184	390129	77.979	ng	#	82
55)	Dibenzofuran	14.993	168	4488593	47.137	ng		98
56)	4-Nitrophenol	14.798	139	776092	58.010	ng	#	69
57)	2,4-Dinitrotoluene	14.951	165	1073225	56.989	ng	#	83
58)	Fluorene	15.645	166	3662541	46.971	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.216	232	921187	47.736	ng		97
60)	Diethylphthalate	15.416	149	3706423	49.130	ng		99
61)	4-Chlorophenyl-phenyle...	15.634	204	1691119	43.988	ng		97
62)	4-Nitroaniline	15.663	138	985021	58.330	ng	#	77
63)	Azobenzene	15.928	77	3520485	52.488	ng		89
65)	4,6-Dinitro-2-methylph...	15.716	198	545282	67.448	ng		85
66)	n-Nitrosodiphenylamine	15.851	169	3117460	48.729	ng		98
67)	4-Bromophenyl-phenylether	16.534	248	994144	43.491	ng		100
68)	Hexachlorobenzene	16.645	284	1079972	40.038	ng		97
69)	Atrazine	16.810	200	985896	51.840	ng		98
70)	Pentachlorophenol	16.992	266	706836	48.204	ng		99
71)	Phenanthrene	17.387	178	5636699	48.031	ng		97
72)	Anthracene	17.481	178	5479845	49.290	ng		98
73)	Carbazole	17.751	167	5200509	50.560	ng		98
74)	Di-n-butylphthalate	18.298	149	6151839	52.981	ng		98
75)	Fluoranthene	19.351	202	6237586	48.213	ng		95
77)	Benzidine	19.528	184	2627083	70.109	ng		99
78)	Pyrene	19.704	202	6469942	49.652	ng		97
80)	Butylbenzylphthalate	20.575	149	2816982	61.805	ng		91
81)	Benzo(a)anthracene	21.410	228	6265883	48.690	ng		96
82)	3,3'-Dichlorobenzidine	21.345	252	2051004	48.856	ng		99
83)	Chrysene	21.469	228	5901955	48.470	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.333	149	3964109	56.480	ng	#	99
85)	Di-n-octyl phthalate	22.280	149	6705968	56.823	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	26.474	276	7101881	48.310	ng	#	92
88)	Benzo(b)fluoranthene	23.139	252	5969087	49.250	ng	#	97
89)	Benzo(k)fluoranthene	23.192	252	6086889	48.682	ng	#	97
90)	Benzo(a)pyrene	23.780	252	5076068	50.687	ng	#	96
91)	Dibenzo(a,h)anthracene	26.498	278	5901691	47.856	ng	#	95
92)	Benzo(g,h,i)perylene	27.268	276	5773287	48.695	ng	#	92

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

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