Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
Data File : BP011808.D
Acq On : 27 Sep 2022 10:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 02:05:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:03:33 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	192774	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	894009	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	590638	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	1314221	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1490084	20.000	ng		0.00
86) Perylene-d12	23.839	264	1684050	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	895846	81.539	ng		0.00
7) Phenol-d6	7.069	99	1340874	82.540	ng		0.00
23) Nitrobenzene-d5	9.075	82	1270346	74.374	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	385438	96.916	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	2962406	79.316	ng		0.00
79) Terphenyl-d14	19.869	244	5049536	77.919	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	190076	41.147	ng		96
3) Pyridine	3.764	79	637622	44.725	ng		92
4) n-Nitrosodimethylamine	3.670	42	233114	36.976	ng	#	91
6) Aniline	7.234	93	836567	41.397	ng		99
8) 2-Chlorophenol	7.469	128	552537	41.336	ng		96
9) Benzaldehyde	7.052	77	383064	37.690	ng		95
10) Phenol	7.099	94	759923	41.528	ng		97
11) bis(2-Chloroethyl)ether	7.334	93	566162	39.086	ng		96
12) 1,3-Dichlorobenzene	7.799	146	562829	40.070	ng		98
13) 1,4-Dichlorobenzene	7.946	146	578283	40.177	ng		99
14) 1,2-Dichlorobenzene	8.263	146	568176	40.350	ng		100
15) Benzyl Alcohol	8.152	79	493698	41.132	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.440	45	802052	33.522	ng		97
17) 2-Methylphenol	8.352	107	497519	41.481	ng		98
18) Hexachloroethane	8.993	117	195021	35.390	ng		100
19) n-Nitroso-di-n-propyla...	8.722	70	457568	38.313	ng		93
20) 3+4-Methylphenols	8.681	107	710491	42.190	ng		99
22) Acetophenone	8.740	105	897562	39.968	ng	#	96
24) Nitrobenzene	9.116	77	672417	38.101	ng		98
25) Isophorone	9.652	82	1218470	38.025	ng		99
26) 2-Nitrophenol	9.834	139	259779	37.250	ng		95
27) 2,4-Dimethylphenol	9.893	122	482180	42.606	ng		98
28) bis(2-Chloroethoxy)met...	10.134	93	736146	39.420	ng		99
29) 2,4-Dichlorophenol	10.363	162	524569	43.321	ng		99
30) 1,2,4-Trichlorobenzene	10.581	180	524035	41.561	ng		99
31) Naphthalene	10.775	128	1926970	40.656	ng		100
32) Benzoic acid	10.016	122	381991	40.628	ng		97
33) 4-Chloroaniline	10.881	127	849482	42.988	ng		99
34) Hexachlorobutadiene	11.057	225	266891	41.968	ng		98
35) Caprolactam	11.681	113	219341	44.570	ng	#	78
36) 4-Chloro-3-methylphenol	12.004	107	645290	43.908	ng		98
37) 2-Methylnaphthalene	12.381	142	1348185	41.189	ng		99
38) 1-Methylnaphthalene	12.598	142	1333079	41.358	ng		98
40) 1,2,4,5-Tetrachloroben...	12.746	216	557494	41.882	ng		98
41) Hexachlorocyclopentadiene	12.728	237	236742	36.265	ng		95
43) 2,4,6-Trichlorophenol	12.987	196	420916	43.684	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.057	196	479701	43.315	ng	99
46)	1,1'-Biphenyl	13.393	154	1692392	39.438	ng	100
47)	2-Chloronaphthalene	13.434	162	1325406	39.819	ng	100
48)	2-Nitroaniline	13.640	65	435921	36.732	ng	90
49)	Acenaphthylene	14.275	152	2229811	40.359	ng	100
50)	Dimethylphthalate	14.016	163	1812584	41.855	ng	100
51)	2,6-Dinitrotoluene	14.134	165	379430	42.436	ng	93
52)	Acenaphthene	14.622	154	1363366	40.235	ng	99
53)	3-Nitroaniline	14.463	138	475119	43.386	ng	96
54)	2,4-Dinitrophenol	14.663	184	185767	42.757	ng	95
55)	Dibenzofuran	14.957	168	2127678	40.967	ng	99
56)	4-Nitrophenol	14.763	139	403624	44.383	ng	95
57)	2,4-Dinitrotoluene	14.916	165	530445	40.367	ng	93
58)	Fluorene	15.604	166	1788870	40.599	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.181	232	415161m	45.913	ng	
60)	Diethylphthalate	15.381	149	1880189	41.581	ng	100
61)	4-Chlorophenyl-phenyle...	15.598	204	772781	41.949	ng	100
62)	4-Nitroaniline	15.628	138	535510	42.131	ng	98
63)	Azobenzene	15.892	77	1839386	37.150	ng	96
65)	4,6-Dinitro-2-methylph...	15.681	198	269507	41.345	ng	91
66)	n-Nitrosodiphenylamine	15.816	169	1555106	39.712	ng	98
67)	4-Bromophenyl-phenylether	16.498	248	444547	41.247	ng	95
68)	Hexachlorobenzene	16.610	284	492154	42.977	ng	97
69)	Atrazine	16.775	200	500151	44.106	ng	99
70)	Pentachlorophenol	16.957	266	335749	42.904	ng	98
71)	Phenanthrene	17.351	178	2974140	40.124	ng	99
72)	Anthracene	17.445	178	2884326	40.684	ng	99
73)	Carbazole	17.716	167	2928085	42.171	ng	100
74)	Di-n-butylphthalate	18.263	149	3514658	42.023	ng	100
75)	Fluoranthene	19.316	202	3601845	44.698	ng	99
77)	Benzidine	19.498	184	1275693	44.112	ng	100
78)	Pyrene	19.669	202	3821897	38.385	ng	99
80)	Butylbenzylphthalate	20.539	149	1820655	38.174	ng	96
81)	Benzo(a)anthracene	21.380	228	4018275	40.872	ng	99
82)	3,3'-Dichlorobenzidine	21.310	252	1319839	46.032	ng	99
83)	Chrysene	21.433	228	3870610	41.550	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.298	149	2766518	39.216	ng	99
85)	Di-n-octyl phthalate	22.239	149	4959549	43.655	ng	95
87)	Indeno(1,2,3-cd)pyrene	26.404	276	5573580	42.297	ng	98
88)	Benzo(b)fluoranthene	23.092	252	4189621	40.070	ng	99
89)	Benzo(k)fluoranthene	23.139	252	4278330	39.934	ng	100
90)	Benzo(a)pyrene	23.733	252	3661073	41.386	ng	99
91)	Dibenzo(a,h)anthracene	26.421	278	4589171	41.946	ng	98
92)	Benzo(g,h,i)perylene	27.180	276	4598387	43.419	ng	98

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

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