Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013648.D
Acq On : 30 Jan 2023 16:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 04:40:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 31 04:38:43 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.152	152	164350	20.000	ng		0.00
21) Naphthalene-d8	10.981	136	678860	20.000	ng		0.00
39) Acenaphthene-d10	14.787	164	494658	20.000	ng		0.00
64) Phenanthrene-d10	17.539	188	1218426	20.000	ng		0.00
76) Chrysene-d12	21.622	240	1354923	20.000	ng		0.00
86) Perylene-d12	24.204	264	1721876	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	768119	83.751	ng		0.00
7) Phenol-d6	7.299	99	1098338	88.650	ng		0.00
23) Nitrobenzene-d5	9.328	82	987861	79.958	ng		0.00
42) 2,4,6-Tribromophenol	16.275	330	646373	85.827	ng		0.00
45) 2-Fluorobiphenyl	13.410	172	2795269	80.707	ng		0.00
79) Terphenyl-d14	20.069	244	5325421	69.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.523	88	157655	38.988	ng		98
3) Pyridine	3.940	79	494268	43.001	ng		99
4) n-Nitrosodimethylamine	3.846	42	175899	39.156	ng		90
6) Aniline	7.469	93	730880	44.511	ng		99
8) 2-Chlorophenol	7.711	128	424518	43.603	ng		99
9) Benzaldehyde	7.281	77	306393	42.144	ng		95
10) Phenol	7.322	94	571550	44.039	ng		98
11) bis(2-Chloroethyl)ether	7.564	93	454870	42.323	ng		99
12) 1,3-Dichlorobenzene	8.040	146	460944	41.015	ng		98
13) 1,4-Dichlorobenzene	8.187	146	468159	41.080	ng		99
14) 1,2-Dichlorobenzene	8.511	146	453032	42.223	ng		98
15) Benzyl Alcohol	8.387	79	437833	45.510	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.681	45	530817	43.828	ng		99
17) 2-Methylphenol	8.587	107	421311	44.988	ng		98
18) Hexachloroethane	9.246	117	157081	38.474	ng		97
19) n-Nitroso-di-n-propyla...	8.963	70	381913	47.433	ng		96
20) 3+4-Methylphenols	8.922	107	579856	45.182	ng		98
22) Acetophenone	8.981	105	728118	42.492	ng	#	98
24) Nitrobenzene	9.369	77	527577	40.802	ng		98
25) Isophorone	9.899	82	1132893	41.862	ng		98
26) 2-Nitrophenol	10.081	139	236623	42.601	ng		96
27) 2,4-Dimethylphenol	10.134	122	438967	42.693	ng		97
28) bis(2-Chloroethoxy)met...	10.375	93	640600	41.604	ng		97
29) 2,4-Dichlorophenol	10.616	162	487006	42.089	ng		97
30) 1,2,4-Trichlorobenzene	10.840	180	506433	39.477	ng		96
31) Naphthalene	11.034	128	1427266	41.375	ng		99
32) Benzoic acid	10.263	122	347251	46.328	ng		96
33) 4-Chloroaniline	11.134	127	666140	44.481	ng		99
34) Hexachlorobutadiene	11.316	225	331717	38.458	ng		98
35) Caprolactam	11.928	113	174781	52.682	ng		95
36) 4-Chloro-3-methylphenol	12.246	107	530999	43.289	ng		99
37) 2-Methylnaphthalene	12.628	142	1111294	42.152	ng		98
38) 1-Methylnaphthalene	12.846	142	1047731	42.461	ng		97
40) 1,2,4,5-Tetrachloroben...	12.987	216	664744	38.573	ng		100
41) Hexachlorocyclopentadiene	12.969	237	301505	33.863	ng		98
43) 2,4,6-Trichlorophenol	13.222	196	466454	40.452	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.293	196	544786	40.399	ng		98
46)	1,1'-Biphenyl	13.622	154	1476638	40.060	ng		99
47)	2-Chloronaphthalene	13.669	162	1132942	40.275	ng		98
48)	2-Nitroaniline	13.869	65	278179	41.774	ng		96
49)	Acenaphthylene	14.510	152	1868241	40.265	ng		100
50)	Dimethylphthalate	14.234	163	1593503	41.473	ng		99
51)	2,6-Dinitrotoluene	14.357	165	312150	40.479	ng		93
52)	Acenaphthene	14.851	154	1213556m	40.866	ng		
53)	3-Nitroaniline	14.687	138	337435	47.322	ng		97
54)	2,4-Dinitrophenol	14.887	184	191264	40.511	ng		97
55)	Dibenzofuran	15.187	168	1880003	40.422	ng		98
56)	4-Nitrophenol	14.981	139	298437	47.650	ng		89
57)	2,4-Dinitrotoluene	15.140	165	425107	41.090	ng		95
58)	Fluorene	15.834	166	1480915	41.638	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.404	232	487462	41.727	ng		98
60)	Diethylphthalate	15.598	149	1557713	44.394	ng		99
61)	4-Chlorophenyl-phenyle...	15.822	204	814386	40.550	ng		98
62)	4-Nitroaniline	15.851	138	344698	50.241	ng		94
63)	Azobenzene	16.116	77	1403492	39.256	ng		97
65)	4,6-Dinitro-2-methylph...	15.904	198	274819	41.948	ng		97
66)	n-Nitrosodiphenylamine	16.040	169	1355634	40.383	ng		98
67)	4-Bromophenyl-phenylether	16.722	248	549857	39.153	ng		98
68)	Hexachlorobenzene	16.840	284	611447	39.831	ng		98
69)	Atrazine	16.987	200	511819	49.876	ng		99
70)	Pentachlorophenol	17.187	266	497325	41.687	ng		98
71)	Phenanthrene	17.587	178	2545898	40.741	ng		100
72)	Anthracene	17.675	178	2610082	41.336	ng		99
73)	Carbazole	17.934	167	2410887	42.848	ng		99
74)	Di-n-butylphthalate	18.469	149	2794370	53.638	ng		99
75)	Fluoranthene	19.533	202	3399883	43.621	ng		100
77)	Benzidine	19.704	184	1101340	77.529	ng		99
78)	Pyrene	19.886	202	3518348	33.552	ng		100
80)	Butylbenzylphthalate	20.739	149	1005113	67.284	ng		98
81)	Benzo(a)anthracene	21.604	228	3817341	40.010	ng		99
82)	3,3'-Dichlorobenzidine	21.528	252	1323067	54.037	ng		97
83)	Chrysene	21.663	228	3575938	39.888	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.504	149	1764636	70.428	ng		98
85)	Di-n-octyl phthalate	22.492	149	3423904	74.631	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	26.945	276	5487404	45.330	ng		99
88)	Benzo(b)fluoranthene	23.410	252	4053032	36.663	ng		100
89)	Benzo(k)fluoranthene	23.463	252	4173114	38.026	ng		99
90)	Benzo(a)pyrene	24.092	252	4128608	39.680	ng		99
91)	Dibenzo(a,h)anthracene	26.962	278	4550867	45.180	ng		98
92)	Benzo(g,h,i)perylene	27.786	276	4531668	45.692	ng		99

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

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