Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
Data File : BP008786.D
Acq On : 13 Jan 2022 11:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 13 23:24:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 12 00:18:56 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/14/2022
Supervised By :Jagrut Upadhyay 01/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	337382	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	1374480	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	943225	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	2011038	20.000	ng		0.00
76) Chrysene-d12	21.351	240	1960265	20.000	ng		0.00
86) Perylene-d12	23.780	264	1861544	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1758969	81.643	ng		0.00
7) Phenol-d6	7.046	99	2238502	77.397	ng		0.00
23) Nitrobenzene-d5	9.028	82	1962338	80.855	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	1181099	74.221	ng		0.00
45) 2-Fluorobiphenyl	13.134	172	5320056	79.296	ng		0.00
79) Terphenyl-d14	19.822	244	8676048	90.194	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	347095	42.716	ng		98
3) Pyridine	3.758	79	765398	40.044	ng		96
4) n-Nitrosodimethylamine	3.664	42	361455	42.440	ng		87
6) Aniline	7.193	93	1392447	38.324	ng		99
8) 2-Chlorophenol	7.434	128	955576	39.245	ng		99
9) Benzaldehyde	7.005	77	733209	37.458	ng		97
10) Phenol	7.075	94	1138984	38.484	ng		97
11) bis(2-Chloroethyl)ether	7.293	93	882806	38.483	ng		98
12) 1,3-Dichlorobenzene	7.758	146	1084498	39.424	ng		99
13) 1,4-Dichlorobenzene	7.905	146	1100597	39.152	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1054531	38.685	ng		100
15) Benzyl Alcohol	8.111	79	812875	37.833	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.405	45	978017	37.404	ng		99
17) 2-Methylphenol	8.322	107	771391	37.806	ng		98
18) Hexachloroethane	8.952	117	374335	39.589	ng		95
19) n-Nitroso-di-n-propyla...	8.681	70	690828	36.789	ng		97
20) 3+4-Methylphenols	8.652	107	1053281	37.205	ng		99
22) Acetophenone	8.693	105	1423658	39.255	ng	#	97
24) Nitrobenzene	9.069	77	986758	40.163	ng		98
25) Isophorone	9.605	82	1877859	39.342	ng		99
26) 2-Nitrophenol	9.781	139	545109	42.545	ng		94
27) 2,4-Dimethylphenol	9.852	122	909419	39.625	ng		99
28) bis(2-Chloroethoxy)met...	10.081	93	1162410	39.057	ng		100
29) 2,4-Dichlorophenol	10.328	162	990925	40.277	ng		99
30) 1,2,4-Trichlorobenzene	10.534	180	1079884	40.290	ng		99
31) Naphthalene	10.722	128	2939290	39.551	ng		100
32) Benzoic acid	10.028	122	624958	40.729	ng		98
33) 4-Chloroaniline	10.828	127	1288469	38.631	ng		99
34) Hexachlorobutadiene	11.010	225	663016	40.915	ng		99
35) Caprolactam	11.640	113	333886	38.190	ng		95
36) 4-Chloro-3-methylphenol	11.969	107	965091	38.729	ng		100
37) 2-Methylnaphthalene	12.334	142	2243518	38.370	ng		99
38) 1-Methylnaphthalene	12.552	142	2064626	38.019	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	1269690	40.496	ng		100
41) Hexachlorocyclopentadiene	12.681	237	647193	34.720	ng		99
43) 2,4,6-Trichlorophenol	12.946	196	854431	40.930	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	926257	40.365	ng	98
46) 1,1'-Biphenyl	13.340	154	2921123	39.729	ng	99
47) 2-Chloronaphthalene	13.387	162	2259868	40.044	ng	98
48) 2-Nitroaniline	13.587	65	579471	42.067	ng	98
49) Acenaphthylene	14.228	152	3564269	39.755	ng	100
50) Dimethylphthalate	13.969	163	2875613	38.364	ng	100
51) 2,6-Dinitrotoluene	14.081	165	639913	39.476	ng	93
52) Acenaphthene	14.575	154	2112901	39.348	ng	99
53) 3-Nitroaniline	14.410	138	656063	39.655	ng	98
54) 2,4-Dinitrophenol	14.628	184	293791	35.539	ng	93
55) Dibenzofuran	14.904	168	3457431	39.042	ng	98
56) 4-Nitrophenol	14.740	139	512006	37.166	ng	92
57) 2,4-Dinitrotoluene	14.875	165	875498	39.569	ng	91
58) Fluorene	15.557	166	2813886	39.473	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.140	232	797514m	38.675	ng	
60) Diethylphthalate	15.334	149	2819696	38.795	ng	100
61) 4-Chlorophenyl-phenyle...	15.551	204	1512069	39.535	ng	100
62) 4-Nitroaniline	15.575	138	676278	39.370	ng	91
63) Azobenzene	15.845	77	2350229	41.252	ng	95
65) 4,6-Dinitro-2-methylph...	15.645	198	448333	40.181	ng	93
66) n-Nitrosodiphenylamine	15.769	169	2487191	40.810	ng	100
67) 4-Bromophenyl-phenylether	16.451	248	952649	40.037	ng	99
68) Hexachlorobenzene	16.575	284	1093596	39.502	ng	100
69) Atrazine	16.728	200	996077	40.264	ng	98
70) Pentachlorophenol	16.922	266	603856	34.941	ng	99
71) Phenanthrene	17.304	178	4442307	39.757	ng	99
72) Anthracene	17.392	178	4583369	40.167	ng	100
73) Carbazole	17.669	167	4129155	39.484	ng	99
74) Di-n-butylphthalate	18.222	149	4864461	40.627	ng	99
75) Fluoranthene	19.275	202	5345469	39.952	ng	96
77) Benzidine	19.445	184	2890049	34.456	ng	99
78) Pyrene	19.628	202	5443607	42.470	ng	99
80) Butylbenzylphthalate	20.498	149	2232327	42.595	ng	99
81) Benzo(a)anthracene	21.339	228	5234609	40.704	ng	98
82) 3,3'-Dichlorobenzidine	21.269	252	2272321	38.894	ng	99
83) Chrysene	21.392	228	5000976	40.312	ng	99
84) Bis(2-ethylhexyl)phtha...	21.263	149	3236838	42.302	ng	99
85) Di-n-octyl phthalate	22.192	149	5497332	40.478	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	5172220	34.772	ng	98
88) Benzo(b)fluoranthene	23.039	252	5189144	42.663	ng	99
89) Benzo(k)fluoranthene	23.092	252	5001065	43.933	ng	99
90) Benzo(a)pyrene	23.674	252	4872344	41.445	ng	99
91) Dibenzo(a,h)anthracene	26.333	278	4368316	34.756	ng	99
92) Benzo(g,h,i)perylene	27.104	276	4076471	32.674	ng	99

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

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