Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
Data File : BP007883.D
Acq On : 09 Nov 2021 10:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 10:45:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 10:45:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/11/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	148079	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	590819	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	406130	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	927315	20.000	ng		0.00
76) Chrysene-d12	21.351	240	1089146	20.000	ng		0.00
86) Perylene-d12	23.769	264	1288154	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	724603	82.988	ng		0.00
7) Phenol-d6	7.040	99	1031749	81.640	ng		0.00
23) Nitrobenzene-d5	9.028	82	891681	81.072	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	515556	88.949	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	2251852	80.745	ng		0.00
79) Terphenyl-d14	19.822	244	4211181	78.733	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	134784	44.841	ng		96
3) Pyridine	3.752	79	421010	43.459	ng		96
4) n-Nitrosodimethylamine	3.658	42	170303	41.105	ng	#	96
6) Aniline	7.193	93	584990	41.096	ng		99
8) 2-Chlorophenol	7.434	128	401911	41.770	ng		97
9) Benzaldehyde	7.005	77	266940	38.845	ng		98
10) Phenol	7.069	94	491311	40.711	ng		97
11) bis(2-Chloroethyl)ether	7.293	93	386075	40.078	ng		97
12) 1,3-Dichlorobenzene	7.758	146	419493	39.200	ng		98
13) 1,4-Dichlorobenzene	7.899	146	429804	39.308	ng		100
14) 1,2-Dichlorobenzene	8.216	146	416790	39.444	ng		99
15) Benzyl Alcohol	8.111	79	370583	38.731	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.405	45	423147	37.474	ng		96
17) 2-Methylphenol	8.316	107	321365	38.508	ng		99
18) Hexachloroethane	8.946	117	151473	40.061	ng		91
19) n-Nitroso-di-n-propyla...	8.675	70	287707	37.199	ng		96
20) 3+4-Methylphenols	8.646	107	448121	38.173	ng		98
22) Acetophenone	8.687	105	590350	39.656	ng		99
24) Nitrobenzene	9.069	77	422702	40.387	ng		95
25) Isophorone	9.599	82	783892	39.217	ng		97
26) 2-Nitrophenol	9.781	139	222227	41.925	ng		95
27) 2,4-Dimethylphenol	9.846	122	319491	39.222	ng		96
28) bis(2-Chloroethoxy)met...	10.081	93	491906	37.294	ng		99
29) 2,4-Dichlorophenol	10.316	162	395383	40.371	ng		98
30) 1,2,4-Trichlorobenzene	10.528	180	436697	40.092	ng		99
31) Naphthalene	10.716	128	1182501	39.566	ng		99
32) Benzoic acid	10.005	122	291244	41.478	ng		97
33) 4-Chloroaniline	10.822	127	521321	39.599	ng		99
34) Hexachlorobutadiene	11.010	225	300803	42.062	ng		100
35) Caprolactam	11.628	113	137317	40.168	ng		92
36) 4-Chloro-3-methylphenol	11.957	107	436840	39.485	ng		98
37) 2-Methylnaphthalene	12.328	142	859415	38.984	ng		98
38) 1-Methylnaphthalene	12.546	142	839579	38.869	ng		100
40) 1,2,4,5-Tetrachloroben...	12.699	216	521715	40.978	ng		99
41) Hexachlorocyclopentadiene	12.681	237	245149	35.952	ng		97
43) 2,4,6-Trichlorophenol	12.940	196	365940	41.150	ng		98

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44) 2,4,5-Trichlorophenol	13.016	196	394765	40.981	ng		96
46) 1,1'-Biphenyl	13.340	154	1178290	40.182	ng		98
47) 2-Chloronaphthalene	13.381	162	929626	40.796	ng		99
48) 2-Nitroaniline	13.581	65	279727	42.662	ng		98
49) Acenaphthylene	14.222	152	1463134	40.885	ng		98
50) Dimethylphthalate	13.963	163	1260445	40.210	ng		100
51) 2,6-Dinitrotoluene	14.081	165	264318	40.773	ng		98
52) Acenaphthene	14.569	154	865133	40.028	ng		100
53) 3-Nitroaniline	14.410	138	284575	41.147	ng	#	95
54) 2,4-Dinitrophenol	14.616	184	165586	41.551	ng	#	88
55) Dibenzofuran	14.904	168	1464767	40.063	ng		98
56) 4-Nitrophenol	14.728	139	243292	41.417	ng		92
57) 2,4-Dinitrotoluene	14.869	165	374189	41.929	ng		92
58) Fluorene	15.557	166	1141488	41.161	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	366664m	42.284	ng		
60) Diethylphthalate	15.334	149	1272072	41.799	ng		99
61) 4-Chlorophenyl-phenyle...	15.545	204	624164	41.206	ng		100
62) 4-Nitroaniline	15.575	138	303277	43.177	ng		93
63) Azobenzene	15.840	77	1077312	41.942	ng		98
65) 4,6-Dinitro-2-methylph...	15.640	198	252683	41.615	ng		90
66) n-Nitrosodiphenylamine	15.763	169	1041144	39.438	ng		98
67) 4-Bromophenyl-phenylether	16.445	248	415149	40.440	ng		98
68) Hexachlorobenzene	16.569	284	469395	40.976	ng	#	93
69) Atrazine	16.722	200	427569	42.296	ng		98
70) Pentachlorophenol	16.910	266	302288	41.029	ng		98
71) Phenanthrene	17.304	178	1934267	39.679	ng		100
72) Anthracene	17.392	178	1928911	40.207	ng		100
73) Carbazole	17.663	167	1901324	39.871	ng		100
74) Di-n-butylphthalate	18.222	149	2252554	41.475	ng		99
75) Fluoranthene	19.269	202	2515292	40.902	ng		98
77) Benzidine	19.445	184	1084718	39.517	ng		98
78) Pyrene	19.622	202	2617289	39.180	ng		99
80) Butylbenzylphthalate	20.498	149	1154962	41.138	ng		97
81) Benzo(a)anthracene	21.333	228	2820645	39.310	ng		99
82) 3,3'-Dichlorobenzidine	21.269	252	966672	40.120	ng	#	99
83) Chrysene	21.386	228	2711772	39.921	ng		99
84) Bis(2-ethylhexyl)phtha...	21.263	149	1656252	41.133	ng		99
85) Di-n-octyl phthalate	22.192	149	3079424	42.515	ng		96
87) Indeno(1,2,3-cd)pyrene	26.304	276	3768061	39.243	ng		95
88) Benzo(b)fluoranthene	23.033	252	3009533	39.634	ng		98
89) Benzo(k)fluoranthene	23.080	252	2952097	39.171	ng		99
90) Benzo(a)pyrene	23.663	252	2598076	39.515	ng	#	97
91) Dibenzo(a,h)anthracene	26.321	278	3147180	39.545	ng		97
92) Benzo(g,h,i)perylene	27.080	276	3122334	39.548	ng		96

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

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