Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013940.D
Acq On : 03 Mar 2023 12:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 04 00:54:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 02 04:26:35 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	86840	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	323576	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	210254	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	485671	20.000	ng	# 0.00
76) Chrysene-d12	21.563	240	530020	20.000	ng	# 0.00
86) Perylene-d12	24.104	264	615733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	445968	84.639	ng	0.00
7) Phenol-d6	7.240	99	562580	83.367	ng	-0.01
23) Nitrobenzene-d5	9.263	82	564140	94.146	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	291909	95.376	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	1309347	81.796	ng	0.00
79) Terphenyl-d14	20.016	244	2440344	88.585	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.481	88	92270	40.289	ng	97
3) Pyridine	3.899	79	262872	42.578	ng	98
4) n-Nitrosodimethylamine	3.799	42	113024	48.850	ng	86
6) Aniline	7.411	93	362473	41.340	ng	97
8) 2-Chlorophenol	7.652	128	225375	40.551	ng	97
9) Benzaldehyde	7.222	77	141012	43.922	ng	94
10) Phenol	7.269	94	293755	41.821	ng	90
11) bis(2-Chloroethyl)ether	7.505	93	229126	40.760	ng	96
12) 1,3-Dichlorobenzene	7.975	146	255582	40.897	ng	97
13) 1,4-Dichlorobenzene	8.128	146	260531	41.272	ng	99
14) 1,2-Dichlorobenzene	8.446	146	237878	40.368	ng	99
15) Benzyl Alcohol	8.334	79	228397	48.240	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.616	45	248426	41.372	ng	97
17) 2-Methylphenol	8.534	107	206692	43.242	ng	93
18) Hexachloroethane	9.181	117	92671	41.909	ng	97
19) n-Nitroso-di-n-propyla...	8.899	70	194790	49.319	ng	97
20) 3+4-Methylphenols	8.863	107	283286	44.034	ng	96
22) Acetophenone	8.922	105	366499	44.906	ng	96
24) Nitrobenzene	9.310	77	286355	45.794	ng	97
25) Isophorone	9.834	82	543996	47.110	ng	99
26) 2-Nitrophenol	10.022	139	130455	44.488	ng	90
27) 2,4-Dimethylphenol	10.075	122	212105	43.922	ng	98
28) bis(2-Chloroethoxy)met...	10.316	93	303497	41.173	ng	100
29) 2,4-Dichlorophenol	10.557	162	233009	44.972	ng	99
30) 1,2,4-Trichlorobenzene	10.775	180	256735	42.227	ng	98
31) Naphthalene	10.969	128	732693	41.301	ng	99
32) Benzoic acid	10.199	122	147849	39.797	ng	97
33) 4-Chloroaniline	11.075	127	324478	43.558	ng	95
34) Hexachlorobutadiene	11.246	225	177766	43.998	ng	99
35) Caprolactam	11.863	113	74431	44.995	ng	95
36) 4-Chloro-3-methylphenol	12.187	107	264363	45.790	ng	95
37) 2-Methylnaphthalene	12.563	142	523247	40.745	ng	98
38) 1-Methylnaphthalene	12.781	142	493062m	41.024	ng	
40) 1,2,4,5-Tetrachloroben...	12.928	216	313017	41.281	ng	99
41) Hexachlorocyclopentadiene	12.904	237	178594	44.342	ng	97
43) 2,4,6-Trichlorophenol	13.169	196	212053	44.704	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.240	196	248076	44.003	ng		98
46) 1,1'-Biphenyl	13.563	154	691361	40.683	ng		99
47) 2-Chloronaphthalene	13.610	162	528352	40.809	ng		98
48) 2-Nitroaniline	13.816	65	170468	46.468	ng		96
49) Acenaphthylene	14.451	152	857228	42.003	ng		99
50) Dimethylphthalate	14.181	163	752052	43.956	ng		100
51) 2,6-Dinitrotoluene	14.304	165	158281	42.551	ng		95
52) Acenaphthene	14.793	154	508782	40.968	ng		98
53) 3-Nitroaniline	14.634	138	159387	41.244	ng		95
54) 2,4-Dinitrophenol	14.840	184	105696	45.414	ng		89
55) Dibenzofuran	15.128	168	858695	41.555	ng		96
56) 4-Nitrophenol	14.940	139	129727	42.419	ng	#	83
57) 2,4-Dinitrotoluene	15.087	165	220178	43.943	ng		90
58) Fluorene	15.781	166	686669	42.381	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.351	232	216958	44.703	ng		98
60) Diethylphthalate	15.540	149	755516	45.286	ng		99
61) 4-Chlorophenyl-phenyle...	15.769	204	383515	43.686	ng		98
62) 4-Nitroaniline	15.798	138	168381	42.367	ng	#	82
63) Azobenzene	16.057	77	683935	45.312	ng		95
65) 4,6-Dinitro-2-methylph...	15.851	198	147992	43.669	ng		95
66) n-Nitrosodiphenylamine	15.981	169	615586	41.846	ng		99
67) 4-Bromophenyl-phenylether	16.663	248	251791	43.924	ng		97
68) Hexachlorobenzene	16.787	284	274819	43.918	ng		100
69) Atrazine	16.934	200	223301	44.521	ng		99
70) Pentachlorophenol	17.128	266	211380	45.818	ng		98
71) Phenanthrene	17.528	178	1134948	41.714	ng		100
72) Anthracene	17.616	178	1158592	42.587	ng		99
73) Carbazole	17.887	167	1033223	42.186	ng		99
74) Di-n-butylphthalate	18.416	149	1345098	46.874	ng		99
75) Fluoranthene	19.481	202	1487724	43.862	ng		98
77) Benzidine	19.651	184	527484	48.665	ng		99
78) Pyrene	19.833	202	1526464	42.144	ng		100
80) Butylbenzylphthalate	20.686	149	631285	49.038	ng		97
81) Benzo(a)anthracene	21.545	228	1608717	42.386	ng		100
82) 3,3'-Dichlorobenzidine	21.469	252	541948	45.386	ng		100
83) Chrysene	21.604	228	1539251	41.864	ng		99
84) Bis(2-ethylhexyl)phtha...	21.439	149	967663	48.213	ng		99
85) Di-n-octyl phthalate	22.410	149	1669902	46.693	ng		99
87) Indeno(1,2,3-cd)pyrene	26.798	276	1991111	41.569	ng		95
88) Benzo(b)fluoranthene	23.327	252	1633322m	41.942	ng		
89) Benzo(k)fluoranthene	23.374	252	1637986	41.437	ng		98
90) Benzo(a)pyrene	23.992	252	1596916	42.417	ng		98
91) Dibenzo(a,h)anthracene	26.810	278	1649316	41.098	ng		98
92) Benzo(g,h,i)perylene	27.627	276	1636941	41.251	ng	#	95

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

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