Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052721\
Data File : BP005627.D
Acq On : 27 May 2021 12:43
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 27 13:36:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 13:31:56 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
5/28/2021 12:37:01 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.993	152	162895	20.00	ng		0.00
21) Naphthalene-d8	10.799	136	628825	20.00	ng		# 0.00
39) Acenaphthene-d10	14.610	164	390568	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	814491	20.00	ng		# 0.00
76) Chrysene-d12	21.422	240	900251	20.00	ng		# 0.00
86) Perylene-d12	23.863	264	975198	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	814009	95.90	ng		0.00
7) Phenol-d6	7.146	99	1128130	106.59	ng		0.00
23) Nitrobenzene-d5	9.152	82	914861	57.26	ng		0.00
42) 2,4,6-Tribromophenol	16.093	330	404540	36.50	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	2309380	66.70	ng		0.00
79) Terphenyl-d14	19.898	244	3740558	70.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	182733	48.91	ng	#	89
3) Pyridine	3.828	79	490955	65.32	ng	#	89
4) n-Nitrosodimethylamine	3.734	42	207189	34.28	ng	#	27
6) Aniline	7.317	93	653586	57.22	ng		96
8) 2-Chlorophenol	7.552	128	456371	50.06	ng		92
9) Benzaldehyde	7.122	77	243200	39.79	ng		88
10) Phenol	7.175	94	569302	53.78	ng		99
11) bis(2-Chloroethyl)ether	7.411	93	436641	59.72	ng		97
12) 1,3-Dichlorobenzene	7.881	146	511097	42.14	ng		99
13) 1,4-Dichlorobenzene	8.028	146	518631	42.90	ng		97
14) 1,2-Dichlorobenzene	8.346	146	498754	43.04	ng		99
15) Benzyl Alcohol	8.228	79	406976	39.86	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.528	45	503820	139.57	ng		84
17) 2-Methylphenol	8.428	107	373425	51.36	ng		94
18) Hexachloroethane	9.081	117	185137	36.97	ng		89
19) n-Nitroso-di-n-propyla...	8.805	70	359985	46.45	ng		98
20) 3+4-Methylphenols	8.758	107	501000	51.84	ng		93
22) Acetophenone	8.816	105	651802	36.74	ng	#	97
24) Nitrobenzene	9.193	77	504662	31.49	ng		94
25) Isophorone	9.728	82	987422	39.91	ng	#	97
26) 2-Nitrophenol	9.911	139	171352	25.53	ng	#	79
27) 2,4-Dimethylphenol	9.963	122	377449	42.49	ng		98
28) bis(2-Chloroethoxy)met...	10.205	93	527137	50.90	ng		97
29) 2,4-Dichlorophenol	10.440	162	412290	29.56	ng		97
30) 1,2,4-Trichlorobenzene	10.663	180	475453	26.68	ng		99
31) Naphthalene	10.846	128	1454740	43.02	ng		98
32) Benzoic acid	10.087	122	191391	27.89	ng		94
33) 4-Chloroaniline	10.952	127	609888	46.31	ng	#	92
34) Hexachlorobutadiene	11.140	225	297120	19.99	ng		98
35) Caprolactam	11.734	113	121181	37.76	ng	#	65
36) 4-Chloro-3-methylphenol	12.069	107	431657	34.71	ng		94
37) 2-Methylnaphthalene	12.452	142	1031518	38.03	ng	#	86
38) 1-Methylnaphthalene	12.669	142	976702	38.14	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.816	216	510278	28.44	ng		97
41) Hexachlorocyclopentadiene	12.799	237	290426	47.57	ng		97
43) 2,4,6-Trichlorophenol	13.052	196	318062	28.37	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	346086	28.60	ng	#	93
46) 1,1'-Biphenyl	13.451	154	1233456	41.02	ng		99
47) 2-Chloronaphthalene	13.493	162	1005666	40.16	ng		98
48) 2-Nitroaniline	13.693	65	218365	30.70	ng	#	80
49) Acenaphthylene	14.334	152	1571909	43.58	ng		99
50) Dimethylphthalate	14.069	163	1211484	35.93	ng		99
51) 2,6-Dinitrotoluene	14.187	165	244146	32.25	ng	#	66
52) Acenaphthene	14.675	154	1019274	45.42	ng		96
53) 3-Nitroaniline	14.510	138	251913	46.44	ng		83
54) 2,4-Dinitrophenol	14.710	184	93449	20.46	ng		95
55) Dibenzofuran	15.010	168	1554082	36.81	ng		97
56) 4-Nitrophenol	14.804	139	206735	50.49	ng	#	58
57) 2,4-Dinitrotoluene	14.963	165	313466	28.08	ng	#	70
58) Fluorene	15.657	166	1244366	36.10	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	295210m	24.40	ng		
60) Diethylphthalate	15.428	149	1214075	37.18	ng		97
61) 4-Chlorophenyl-phenyle...	15.651	204	618699	28.68	ng		99
62) 4-Nitroaniline	15.669	138	264822	50.82	ng	#	50
63) Azobenzene	15.940	77	1282721	38.11	ng		95
65) 4,6-Dinitro-2-methylph...	15.728	198	147230	22.81	ng		88
66) n-Nitrosodiphenylamine	15.863	169	1083439	45.58	ng		93
67) 4-Bromophenyl-phenylether	16.545	248	382212	30.06	ng		98
68) Hexachlorobenzene	16.657	284	453330	28.12	ng	#	90
69) Atrazine	16.810	200	333040	29.99	ng		96
70) Pentachlorophenol	16.998	266	237933	27.81	ng		96
71) Phenanthrene	17.392	178	1956350	42.27	ng		100
72) Anthracene	17.487	178	1950861	42.47	ng		100
73) Carbazole	17.751	167	1913044	47.29	ng		100
74) Di-n-butylphthalate	18.304	149	2092422	47.13	ng	#	92
75) Fluoranthene	19.351	202	2357988	37.04	ng		96
77) Benzidine	19.528	184	861929	61.85	ng		99
78) Pyrene	19.698	202	2451774	48.10	ng		99
80) Butylbenzylphthalate	20.569	149	924452	56.14	ng	#	93
81) Benzo(a)anthracene	21.404	228	2588424	44.37	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	872613	39.70	ng	#	96
83) Chrysene	21.457	228	2492626	44.08	ng		99
84) Bis(2-ethylhexyl)phtha...	21.328	149	1454315	57.76	ng	#	95
85) Di-n-octyl phthalate	22.263	149	2453563	58.01	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.433	276	3277740	39.95	ng	#	90
88) Benzo(b)fluoranthene	23.116	252	2746331	42.26	ng	#	97
89) Benzo(k)fluoranthene	23.169	252	2683621	42.23	ng	#	98
90) Benzo(a)pyrene	23.757	252	2536568	42.58	ng	#	96
91) Dibenzo(a,h)anthracene	26.451	278	2840041	39.23	ng	#	93
92) Benzo(g,h,i)perylene	27.227	276	2724802	40.68	ng	#	91

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

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