Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
Data File : BP005366.D
Acq On : 22 Apr 2021 09:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/23/2021 4:01:30 PM

Quant Time: Apr 22 12:50:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 17:40:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	29127	20.00	ng		0.00
21) Naphthalene-d8	10.428	136	101266	20.00	ng		# 0.00
39) Acenaphthene-d10	14.304	164	75535	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	190262	20.00	ng		0.00
76) Chrysene-d12	21.174	240	267521	20.00	ng		# 0.00
86) Perylene-d12	23.427	264	282189	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	137239	81.85	ng		0.00
7) Phenol-d6	6.828	99	195588	84.66	ng		0.00
23) Nitrobenzene-d5	8.804	82	228793	98.27	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	124524	86.18	ng		0.00
45) 2-Fluorobiphenyl	12.916	172	481837	82.57	ng		0.00
79) Terphenyl-d14	19.645	244	1175972	81.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	38191	42.74	ng	#	87
3) Pyridine	3.581	79	92776	47.84	ng	#	89
4) n-Nitrosodimethylamine	3.493	42	49844	49.86	ng	#	15
6) Aniline	6.981	93	108042	43.10	ng	#	80
8) 2-Chlorophenol	7.210	128	67603	39.37	ng	#	80
9) Benzaldehyde	6.799	77	60337	44.66	ng	#	72
10) Phenol	6.857	94	97018	42.10	ng	#	62
11) bis(2-Chloroethyl)ether	7.081	93	68524	41.24	ng		94
12) 1,3-Dichlorobenzene	7.528	146	82737	39.86	ng	#	85
13) 1,4-Dichlorobenzene	7.675	146	85217	40.25	ng		92
14) 1,2-Dichlorobenzene	7.993	146	80566	39.79	ng	#	89
15) Benzyl Alcohol	7.893	79	89002	48.31	ng	#	69
16) 2,2'-oxybis(1-Chloropr...	8.169	45	57605	41.31	ng		97
17) 2-Methylphenol	8.099	107	62236	42.94	ng	#	83
18) Hexachloroethane	8.704	117	36564	45.17	ng		93
19) n-Nitroso-di-n-propyla...	8.452	70	72799	48.52	ng	#	96
20) 3+4-Methylphenols	8.428	107	83891	43.12	ng		91
22) Acetophenone	8.469	105	123334	42.44	ng	#	89
24) Nitrobenzene	8.846	77	119290	47.39	ng	#	88
25) Isophorone	9.369	82	187431	42.41	ng	#	92
26) 2-Nitrophenol	9.551	139	37132	45.83	ng	#	80
27) 2,4-Dimethylphenol	9.622	122	57523	42.10	ng	#	80
28) bis(2-Chloroethoxy)met...	9.857	93	83877	43.11	ng		97
29) 2,4-Dichlorophenol	10.093	162	76574	42.35	ng		94
30) 1,2,4-Trichlorobenzene	10.299	180	98081	41.29	ng		99
31) Naphthalene	10.481	128	215440	40.31	ng		98
32) Benzoic acid	9.787	122	40024	41.05	ng	#	75
33) 4-Chloroaniline	10.604	127	84515	41.69	ng	#	89
34) Hexachlorobutadiene	10.757	225	91368	43.35	ng		95
35) Caprolactam	11.404	113	21920	43.47	ng	#	57
36) 4-Chloro-3-methylphenol	11.745	107	87740	44.99	ng	#	84
37) 2-Methylnaphthalene	12.104	142	164281	41.99	ng		97
38) 1-Methylnaphthalene	12.328	142	155112	41.49	ng		98
40) 1,2,4,5-Tetrachloroben...	12.481	216	136712	41.57	ng		99
41) Hexachlorocyclopentadiene	12.451	237	52936	42.50	ng		99
43) 2,4,6-Trichlorophenol	12.728	196	77079	43.27	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	83535	42.96	ng		91
46) 1,1'-Biphenyl	13.134	154	220965	41.10	ng		99
47) 2-Chloronaphthalene	13.169	162	182177	41.16	ng		98
48) 2-Nitroaniline	13.392	65	65806	45.10	ng		89
49) Acenaphthylene	14.022	152	267557	41.77	ng		98
50) Dimethylphthalate	13.775	163	236708	43.17	ng		98
51) 2,6-Dinitrotoluene	13.892	165	51494	43.06	ng		93
52) Acenaphthene	14.369	154	168794	41.76	ng		96
53) 3-Nitroaniline	14.228	138	44092	40.80	ng		94
54) 2,4-Dinitrophenol	14.445	184	31267	41.60	ng		95
55) Dibenzofuran	14.710	168	301786	41.69	ng		96
56) 4-Nitrophenol	14.557	139	31977	38.49	ng	#	78
57) 2,4-Dinitrotoluene	14.692	165	74213	40.27	ng		98
58) Fluorene	15.363	166	244442	42.08	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.945	232	91031	44.98	ng		98
60) Diethylphthalate	15.139	149	231627	44.76	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	160684	43.11	ng		98
62) 4-Nitroaniline	15.398	138	42730	40.32	ng		93
63) Azobenzene	15.651	77	301369	49.98	ng		92
65) 4,6-Dinitro-2-methylph...	15.463	198	53698	42.93	ng		94
66) n-Nitrosodiphenylamine	15.581	169	214766	41.31	ng	#	93
67) 4-Bromophenyl-phenylether	16.257	248	108181	41.61	ng		97
68) Hexachlorobenzene	16.369	284	122168	40.08	ng	#	89
69) Atrazine	16.545	200	97466	44.91	ng		98
70) Pentachlorophenol	16.722	266	67637	41.26	ng		93
71) Phenanthrene	17.110	178	405615	40.00	ng		100
72) Anthracene	17.204	178	405351	41.05	ng		99
73) Carbazole	17.486	167	364525	41.01	ng		99
74) Di-n-butylphthalate	18.039	149	381048	40.62	ng	#	96
75) Fluoranthene	19.092	202	582829	41.87	ng		99
77) Benzidine	19.286	184	214385	50.72	ng		100
78) Pyrene	19.445	202	602824	40.19	ng		100
80) Butylbenzylphthalate	20.327	149	159227	46.73	ng		92
81) Benzo(a)anthracene	21.157	228	704758	40.94	ng		99
82) 3,3'-Dichlorobenzidine	21.092	252	235326	43.98	ng		99
83) Chrysene	21.210	228	692036	40.36	ng		99
84) Bis(2-ethylhexyl)phtha...	21.086	149	250324	42.05	ng		99
85) Di-n-octyl phthalate	21.963	149	444939	43.77	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.745	276	878273	40.74	ng		99
88) Benzo(b)fluoranthene	22.745	252	749303	40.33	ng		99
89) Benzo(k)fluoranthene	22.792	252	729634m	40.00	ng		
90) Benzo(a)pyrene	23.333	252	689205	40.68	ng		100
91) Dibenzo(a,h)anthracene	25.751	278	760819	40.75	ng		99
92) Benzo(g,h,i)perylene	26.445	276	714275	40.84	ng		97

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

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