Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050621\
Data File : BP005447.D
Acq On : 06 May 2021 12:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/7/2021 10:34:37 AM

Quant Time: May 06 12:48:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 19:00:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	13273	20.00	ng		0.00
21) Naphthalene-d8	10.505	136	42775	20.00	ng		# 0.00
39) Acenaphthene-d10	14.363	164	38345	20.00	ng		0.00
64) Phenanthrene-d10	17.116	188	104455	20.00	ng		# 0.00
76) Chrysene-d12	21.210	240	156343	20.00	ng		# 0.00
86) Perylene-d12	23.527	264	179680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	51001	73.74	ng		0.00
7) Phenol-d6	6.905	99	62700	72.70	ng		0.00
23) Nitrobenzene-d5	8.881	82	83718	77.03	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	90700	83.35	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	255213	75.08	ng		0.00
79) Terphenyl-d14	19.686	244	698316	75.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	11156	41.54	ng		89
3) Pyridine	3.611	79	22943	37.46	ng	#	82
4) n-Nitrosodimethylamine	3.523	42	18485	37.53	ng	#	2
6) Aniline	7.052	93	33104	35.57	ng	#	81
8) 2-Chlorophenol	7.281	128	28603	38.51	ng		93
9) Benzaldehyde	6.864	77	17081	38.70	ng	#	71
10) Phenol	6.934	94	30182	34.99	ng	#	52
11) bis(2-Chloroethyl)ether	7.152	93	20257	34.00	ng		98
12) 1,3-Dichlorobenzene	7.599	146	35965	36.39	ng	#	89
13) 1,4-Dichlorobenzene	7.752	146	38423	39.01	ng		96
14) 1,2-Dichlorobenzene	8.064	146	36457	38.61	ng		99
15) Benzyl Alcohol	7.969	79	30519	36.68	ng	#	75
16) 2,2'-oxybis(1-Chloropr...	8.240	45	10081	34.27	ng	#	62
17) 2-Methylphenol	8.175	107	21518	36.32	ng	#	79
18) Hexachloroethane	8.781	117	15719	38.52	ng	#	85
19) n-Nitroso-di-n-propyla...	8.534	70	23494	37.20	ng	#	81
20) 3+4-Methylphenols	8.511	107	30167	38.31	ng	#	83
22) Acetophenone	8.546	105	44932	37.24	ng	#	87
24) Nitrobenzene	8.922	77	41425	38.00	ng		92
25) Isophorone	9.452	82	62696	37.25	ng	#	95
26) 2-Nitrophenol	9.634	139	16821	36.85	ng	#	82
27) 2,4-Dimethylphenol	9.705	122	21966	36.35	ng	#	82
28) bis(2-Chloroethoxy)met...	9.934	93	25723	36.51	ng		100
29) 2,4-Dichlorophenol	10.169	162	37431	39.45	ng		94
30) 1,2,4-Trichlorobenzene	10.375	180	48603	40.10	ng		94
31) Naphthalene	10.558	128	88882	38.64	ng		98
32) Benzoic acid	9.881	122	18235	39.07	ng	#	81
33) 4-Chloroaniline	10.687	127	35622	39.76	ng		97
34) Hexachlorobutadiene	10.834	225	44941	44.46	ng		98
35) Caprolactam	11.493	113	8618m	39.48	ng		
36) 4-Chloro-3-methylphenol	11.828	107	32782	38.75	ng		94
37) 2-Methylnaphthalene	12.175	142	75065	40.68	ng		98
38) 1-Methylnaphthalene	12.393	142	71465	41.03	ng		93
40) 1,2,4,5-Tetrachloroben...	12.546	216	68076	38.64	ng		99
41) Hexachlorocyclopentadiene	12.516	237	27316	41.12	ng		98
43) 2,4,6-Trichlorophenol	12.799	196	41743	37.92	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.881	196	45536	38.34	ng	#	92
46)	1,1'-Biphenyl	13.199	154	108162	36.64	ng		95
47)	2-Chloronaphthalene	13.234	162	91980	37.42	ng		97
48)	2-Nitroaniline	13.457	65	24814	35.53	ng		97
49)	Acenaphthylene	14.081	152	132075	37.29	ng		99
50)	Dimethylphthalate	13.834	163	121704	36.77	ng		99
51)	2,6-Dinitrotoluene	13.957	165	26966	36.28	ng		90
52)	Acenaphthene	14.428	154	81848	37.15	ng		96
53)	3-Nitroaniline	14.287	138	19748	37.08	ng		95
54)	2,4-Dinitrophenol	14.504	184	18600	41.48	ng		86
55)	Dibenzofuran	14.763	168	158392	38.22	ng		97
56)	4-Nitrophenol	14.622	139	14844	36.93	ng	#	64
57)	2,4-Dinitrotoluene	14.751	165	40318	36.79	ng		92
58)	Fluorene	15.416	166	130295	38.50	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.998	232	49228	41.45	ng		97
60)	Diethylphthalate	15.193	149	120230	37.50	ng		99
61)	4-Chlorophenyl-phenyle...	15.410	204	86322	40.76	ng		97
62)	4-Nitroaniline	15.457	138	19765	38.63	ng	#	76
63)	Azobenzene	15.704	77	126301	38.22	ng		86
65)	4,6-Dinitro-2-methylph...	15.516	198	30503	36.85	ng		94
66)	n-Nitrosodiphenylamine	15.628	169	114986	37.72	ng	#	93
67)	4-Bromophenyl-phenylether	16.304	248	64895	39.80	ng		98
68)	Hexachlorobenzene	16.416	284	82855	40.07	ng		95
69)	Atrazine	16.592	200	52725	37.02	ng		99
70)	Pentachlorophenol	16.769	266	44473	40.54	ng		93
71)	Phenanthrene	17.157	178	224067	37.75	ng		99
72)	Anthracene	17.251	178	219819	37.32	ng		99
73)	Carbazole	17.528	167	193317	37.27	ng		100
74)	Di-n-butylphthalate	18.081	149	208713	36.65	ng	#	96
75)	Fluoranthene	19.134	202	316138	38.72	ng		98
77)	Benzidine	19.322	184	104665	43.25	ng		98
78)	Pyrene	19.486	202	324919	36.71	ng		99
80)	Butylbenzylphthalate	20.363	149	103120	36.06	ng		98
81)	Benzo(a)anthracene	21.198	228	385794	38.08	ng		99
82)	3,3'-Dichlorobenzidine	21.133	252	148438	38.89	ng	#	94
83)	Chrysene	21.251	228	374502	38.14	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.122	149	156106	35.70	ng	#	98
85)	Di-n-octyl phthalate	22.016	149	267698	36.45	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	25.945	276	597123	39.50	ng	#	96
88)	Benzo(b)fluoranthene	22.827	252	472079	39.43	ng	#	97
89)	Benzo(k)fluoranthene	22.875	252	438833	37.48	ng	#	98
90)	Benzo(a)pyrene	23.427	252	421418	38.40	ng	#	98
91)	Dibenzo(a,h)anthracene	25.957	278	525713	39.41	ng	#	98
92)	Benzo(g,h,i)perylene	26.680	276	493714	40.00	ng	#	95

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

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