Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
Data File : BP005591.D
Acq On : 17 May 2021 21:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/19/2021 11:37:31 AM

Quant Time: May 18 01:19:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	14278	20.00	ng		0.00
21) Naphthalene-d8	10.451	136	45661	20.00	ng		# 0.00
39) Acenaphthene-d10	14.310	164	39116	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	100869	20.00	ng		# 0.00
76) Chrysene-d12	21.174	240	141104	20.00	ng		# 0.00
86) Perylene-d12	23.462	264	146379	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	55642	74.79	ng		0.00
7) Phenol-d6	6.863	99	71972	77.58	ng		0.00
23) Nitrobenzene-d5	8.834	82	91428	78.81	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	81344	73.28	ng		0.00
45) 2-Fluorobiphenyl	12.934	172	265439	76.55	ng		0.00
79) Terphenyl-d14	19.645	244	673531	81.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.146	88	10157	34.42	ng		90
3) Pyridine	3.558	79	24875	37.76	ng	#	74
4) n-Nitrosodimethylamine	3.475	42	19632	37.06	ng	#	4
6) Aniline	7.004	93	38719	38.67	ng	#	83
8) 2-Chlorophenol	7.234	128	30784	38.52	ng		93
9) Benzaldehyde	6.816	77	20671	44.05	ng	#	73
10) Phenol	6.887	94	33915	36.55	ng	#	48
11) bis(2-Chloroethyl)ether	7.104	93	23337	36.41	ng		98
12) 1,3-Dichlorobenzene	7.546	146	39068	36.75	ng	#	90
13) 1,4-Dichlorobenzene	7.698	146	39832	37.59	ng		99
14) 1,2-Dichlorobenzene	8.010	146	38454	37.86	ng		97
15) Benzyl Alcohol	7.922	79	33640	37.59	ng	#	75
16) 2,2'-oxybis(1-Chloropr...	8.198	45	11877	37.54	ng	#	60
17) 2-Methylphenol	8.134	107	24340	38.19	ng	#	76
18) Hexachloroethane	8.722	117	16563	37.73	ng	#	79
19) n-Nitroso-di-n-propyla...	8.481	70	27234	40.09	ng	#	93
20) 3+4-Methylphenols	8.469	107	33451	39.49	ng		80
22) Acetophenone	8.498	105	50719	39.37	ng	#	84
24) Nitrobenzene	8.875	77	45149	38.80	ng		94
25) Isophorone	9.398	82	71036	39.54	ng	#	97
26) 2-Nitrophenol	9.587	139	18557	38.08	ng	#	89
27) 2,4-Dimethylphenol	9.657	122	24858	38.54	ng		88
28) bis(2-Chloroethoxy)met...	9.881	93	29094	38.69	ng	#	97
29) 2,4-Dichlorophenol	10.122	162	38125	37.64	ng		96
30) 1,2,4-Trichlorobenzene	10.316	180	49699	38.41	ng		97
31) Naphthalene	10.498	128	96353	39.24	ng		98
32) Benzoic acid	9.869	122	17816	35.76	ng	#	76
33) 4-Chloroaniline	10.634	127	36423	38.09	ng	#	90
34) Hexachlorobutadiene	10.775	225	43598	40.41	ng		98
35) Caprolactam	11.451	113	9462	40.60	ng		88
36) 4-Chloro-3-methylphenol	11.781	107	36832	40.79	ng		99
37) 2-Methylnaphthalene	12.122	142	78908	40.06	ng		94
38) 1-Methylnaphthalene	12.345	142	74295	39.96	ng		92
40) 1,2,4,5-Tetrachloroben...	12.498	216	66953	37.25	ng		97
41) Hexachlorocyclopentadiene	12.463	237	24093	36.62	ng		98
43) 2,4,6-Trichlorophenol	12.751	196	42814	38.13	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	44186	36.47	ng		94
46) 1,1'-Biphenyl	13.145	154	114707	38.09	ng		96
47) 2-Chloronaphthalene	13.186	162	94093	37.52	ng		98
48) 2-Nitroaniline	13.416	65	27751	38.96	ng		94
49) Acenaphthylene	14.033	152	135522	37.51	ng		98
50) Dimethylphthalate	13.786	163	125428	37.15	ng		100
51) 2,6-Dinitrotoluene	13.916	165	28163	37.14	ng		98
52) Acenaphthene	14.380	154	84551	37.62	ng		96
53) 3-Nitroaniline	14.251	138	20566	37.85	ng	#	94
54) 2,4-Dinitrophenol	14.480	184	16201	35.42	ng	#	70
55) Dibenzofuran	14.716	168	160857	38.05	ng		96
56) 4-Nitrophenol	14.592	139	18674	45.54	ng	#	84
57) 2,4-Dinitrotoluene	14.716	165	42037	37.60	ng	#	88
58) Fluorene	15.369	166	133631	38.71	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	44323m	36.58	ng		
60) Diethylphthalate	15.151	149	123723	37.83	ng		98
61) 4-Chlorophenyl-phenyle...	15.363	204	85014	39.35	ng		99
62) 4-Nitroaniline	15.422	138	19534	37.43	ng	#	71
63) Azobenzene	15.657	77	135564	40.21	ng		86
65) 4,6-Dinitro-2-methylph...	15.480	198	29892	37.39	ng		93
66) n-Nitrosodiphenylamine	15.586	169	110435	37.51	ng		94
67) 4-Bromophenyl-phenylether	16.263	248	61712	39.20	ng		98
68) Hexachlorobenzene	16.375	284	74813	37.47	ng		99
69) Atrazine	16.551	200	51567	37.50	ng		98
70) Pentachlorophenol	16.733	266	43854	41.39	ng		91
71) Phenanthrene	17.110	178	214850	37.48	ng		99
72) Anthracene	17.204	178	219450	38.58	ng		99
73) Carbazole	17.486	167	184495	36.83	ng		99
74) Di-n-butylphthalate	18.039	149	207821	37.80	ng		97
75) Fluoranthene	19.092	202	300549	38.12	ng		97
77) Benzidine	19.286	184	88354	40.45	ng		98
78) Pyrene	19.445	202	309070	38.69	ng		99
80) Butylbenzylphthalate	20.321	149	102592	39.75	ng		91
81) Benzo(a)anthracene	21.157	228	349935	38.27	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	127895	37.12	ng	#	97
83) Chrysene	21.210	228	335796	37.89	ng		99
84) Bis(2-ethylhexyl)phtha...	21.080	149	151665	38.43	ng	#	97
85) Di-n-octyl phthalate	21.968	149	251475	37.93	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.845	276	438695	35.62	ng	#	96
88) Benzo(b)fluoranthene	22.768	252	387837	39.76	ng	#	98
89) Benzo(k)fluoranthene	22.815	252	367893	38.57	ng	#	98
90) Benzo(a)pyrene	23.362	252	342506	38.31	ng	#	97
91) Dibenzo(a,h)anthracene	25.856	278	386591	35.58	ng	#	98
92) Benzo(g,h,i)perylene	26.580	276	351697	34.98	ng	#	95

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

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