Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052721\
Data File : BP005631.D
Acq On : 27 May 2021 15:47
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP052721

Manual Integrations APPROVED
mohammad
5/28/2021 12:37:13 PM

Quant Time: May 27 16:41:20 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 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	171867	20.00	ng		-0.01
21) Naphthalene-d8	10.793	136	651519	20.00	ng		# 0.00
39) Acenaphthene-d10	14.610	164	408056	20.00	ng		0.00
64) Phenanthrene-d10	17.357	188	852091	20.00	ng		# 0.00
76) Chrysene-d12	21.427	240	938164	20.00	ng		# 0.00
86) Perylene-d12	23.869	264	1007908	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	881051	79.70	ng		0.00
7) Phenol-d6	7.140	99	1205295	79.98	ng		0.00
23) Nitrobenzene-d5	9.146	82	1009711	86.19	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	442050	84.48	ng		0.00
45) 2-Fluorobiphenyl	13.246	172	2392401	77.59	ng		0.00
79) Terphenyl-d14	19.904	244	3964119	79.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	194099	38.36	ng	#	88
3) Pyridine	3.823	79	531713	42.45	ng	#	91
4) n-Nitrosodimethylamine	3.728	42	221693	39.74	ng	#	28
6) Aniline	7.305	93	692851	39.33	ng		94
8) 2-Chlorophenol	7.546	128	489512	39.55	ng		93
9) Benzaldehyde	7.116	77	265148m	40.64	ng		
10) Phenol	7.164	94	611888	39.77	ng		99
11) bis(2-Chloroethyl)ether	7.405	93	461131	38.82	ng		98
12) 1,3-Dichlorobenzene	7.875	146	539443	38.39	ng		98
13) 1,4-Dichlorobenzene	8.022	146	548493	38.52	ng		98
14) 1,2-Dichlorobenzene	8.340	146	527078	38.70	ng		99
15) Benzyl Alcohol	8.222	79	431116	39.88	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.516	45	518561	38.13	ng		82
17) 2-Methylphenol	8.422	107	397103	39.65	ng		96
18) Hexachloroethane	9.075	117	195850	38.76	ng		89
19) n-Nitroso-di-n-propyla...	8.799	70	376536	39.28	ng		97
20) 3+4-Methylphenols	8.752	107	528221	39.59	ng		94
22) Acetophenone	8.810	105	686523	39.50	ng	#	98
24) Nitrobenzene	9.193	77	548170	42.13	ng		93
25) Isophorone	9.722	82	1025798	39.44	ng	#	98
26) 2-Nitrophenol	9.905	139	204111	41.63	ng	#	78
27) 2,4-Dimethylphenol	9.963	122	398505	39.92	ng		99
28) bis(2-Chloroethoxy)met...	10.205	93	546132	39.02	ng		97
29) 2,4-Dichlorophenol	10.434	162	439260	40.91	ng		98
30) 1,2,4-Trichlorobenzene	10.657	180	497107	39.09	ng		98
31) Naphthalene	10.846	128	1511691	38.96	ng		98
32) Benzoic acid	10.081	122	228074	42.13	ng		94
33) 4-Chloroaniline	10.952	127	634133	39.25	ng	#	91
34) Hexachlorobutadiene	11.134	225	311136	39.17	ng		99
35) Caprolactam	11.728	113	129793	44.14	ng	#	61
36) 4-Chloro-3-methylphenol	12.063	107	456935	40.43	ng		97
37) 2-Methylnaphthalene	12.451	142	1067283	38.82	ng	#	87
38) 1-Methylnaphthalene	12.663	142	1008088	38.65	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.816	216	532038	39.09	ng		97
41) Hexachlorocyclopentadiene	12.799	237	302599	39.93	ng		97
43) 2,4,6-Trichlorophenol	13.051	196	344007	41.67	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.116	196	375385	42.05	ng	#	91
46)	1,1'-Biphenyl	13.451	154	1279249	38.61	ng		98
47)	2-Chloronaphthalene	13.493	162	1040989	38.65	ng		99
48)	2-Nitroaniline	13.693	65	260438	41.41	ng	#	78
49)	Acenaphthylene	14.334	152	1631152	38.86	ng		99
50)	Dimethylphthalate	14.069	163	1266180	39.01	ng		99
51)	2,6-Dinitrotoluene	14.187	165	270256	38.79	ng	#	66
52)	Acenaphthene	14.675	154	1067645	39.12	ng		97
53)	3-Nitroaniline	14.510	138	277547	39.82	ng		86
54)	2,4-Dinitrophenol	14.716	184	113694	41.67	ng		90
55)	Dibenzofuran	15.010	168	1610849	38.51	ng		98
56)	4-Nitrophenol	14.804	139	234230	40.62	ng	#	60
57)	2,4-Dinitrotoluene	14.969	165	348798	40.10	ng	#	68
58)	Fluorene	15.657	166	1283071	38.37	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.234	232	324622m	42.02	ng		
60)	Diethylphthalate	15.434	149	1266835	38.90	ng		98
61)	4-Chlorophenyl-phenyle...	15.651	204	642991	38.46	ng		98
62)	4-Nitroaniline	15.669	138	294901	40.31	ng	#	47
63)	Azobenzene	15.945	77	1330026	39.00	ng		95
65)	4,6-Dinitro-2-methylph...	15.728	198	177379	43.06	ng		84
66)	n-Nitrosodiphenylamine	15.863	169	1128151	38.86	ng		93
67)	4-Bromophenyl-phenylether	16.545	248	391342	38.12	ng		96
68)	Hexachlorobenzene	16.663	284	475691	38.92	ng	#	93
69)	Atrazine	16.816	200	351578	42.37	ng		95
70)	Pentachlorophenol	17.004	266	266012	43.40	ng		95
71)	Phenanthrene	17.398	178	2027299	38.19	ng		100
72)	Anthracene	17.486	178	2035588	38.84	ng		99
73)	Carbazole	17.757	167	1986852	38.51	ng		99
74)	Di-n-butylphthalate	18.310	149	2198431	39.80	ng	#	91
75)	Fluoranthene	19.357	202	2463165	38.65	ng		96
77)	Benzidine	19.528	184	846398	47.51	ng		98
78)	Pyrene	19.704	202	2582931	39.02	ng		99
80)	Butylbenzylphthalate	20.575	149	978765	37.54	ng	#	95
81)	Benzo(a)anthracene	21.410	228	2671808	38.81	ng		98
82)	3,3'-Dichlorobenzidine	21.339	252	905326	40.71	ng	#	97
83)	Chrysene	21.463	228	2575536	38.63	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.333	149	1511678	40.42	ng	#	95
85)	Di-n-octyl phthalate	22.274	149	2533073	40.30	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	26.445	276	3389936	39.53	ng	#	90
88)	Benzo(b)fluoranthene	23.122	252	2892763	39.56	ng	#	97
89)	Benzo(k)fluoranthene	23.174	252	2666744	38.48	ng	#	97
90)	Benzo(a)pyrene	23.763	252	2619768	39.38	ng	#	96
91)	Dibenzo(a,h)anthracene	26.468	278	2955419	39.71	ng	#	95
92)	Benzo(g,h,i)perylene	27.239	276	2831821	39.45	ng	#	92

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

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