Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041521\
Data File : BP005301.D
Acq On : 15 Apr 2021 16:40
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
4/16/2021 11:32:22 AM

Quant Time: Apr 16 00:58:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 00:51:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	27283	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	69425	20.00	ng		0.00
39) Acenaphthene-d10	14.328	164	46741	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	97723	20.00	ng		0.00
76) Chrysene-d12	21.198	240	140727	20.00	ng		0.00
86) Perylene-d12	23.468	264	148687	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	45425	17.47	ng		0.00
7) Phenol-d6	6.851	99	48429	16.33	ng		0.00
23) Nitrobenzene-d5	8.828	82	46131	20.95	ng		0.00
42) 2,4,6-Tribromophenol	15.833	330	10254	17.38	ng		0.00
45) 2-Fluorobiphenyl	12.939	172	65039	18.79	ng		0.00
79) Terphenyl-d14	19.668	244	128087	17.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	12829	8.36	ng	#	72
3) Pyridine	3.622	79	27450	7.98	ng		92
4) n-Nitrosodimethylamine	3.528	42	8446	8.31	ng	#	1
6) Aniline	7.004	93	20046	6.28	ng		97
8) 2-Chlorophenol	7.234	128	15929	8.54	ng		96
9) Benzaldehyde	6.816	77	14982	7.67	ng		98
10) Phenol	6.881	94	24449	8.05	ng		93
11) bis(2-Chloroethyl)ether	7.099	93	17466	8.02	ng		96
12) 1,3-Dichlorobenzene	7.551	146	21744	10.71	ng		99
13) 1,4-Dichlorobenzene	7.699	146	21561	10.76	ng		99
14) 1,2-Dichlorobenzene	8.016	146	20585	10.80	ng		94
15) Benzyl Alcohol	7.922	79	10573	5.15	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.198	45	10398	8.20	ng		93
17) 2-Methylphenol	8.122	107	10748	6.45	ng		95
18) Hexachloroethane	8.734	117	9247	10.63	ng		99
19) n-Nitroso-di-n-propyla...	8.475	70	11391	6.24	ng	#	97
20) 3+4-Methylphenols	8.457	107	13409	6.14	ng		91
22) Acetophenone	8.493	105	28251	11.55	ng	#	99
24) Nitrobenzene	8.869	77	24317	10.69	ng		95
25) Isophorone	9.393	82	22093	6.02	ng		98
26) 2-Nitrophenol	9.575	139	4996	7.90	ng		94
27) 2,4-Dimethylphenol	9.645	122	8180	7.99	ng		89
28) bis(2-Chloroethoxy)met...	9.881	93	12076	6.94	ng	#	97
29) 2,4-Dichlorophenol	10.122	162	8477	7.45	ng		88
30) 1,2,4-Trichlorobenzene	10.322	180	13672	10.48	ng		94
31) Naphthalene	10.504	128	38373	10.09	ng	#	94
32) Benzoic acid	9.763	122	5026m	7.48	ng		
33) 4-Chloroaniline	10.634	127	10604	7.49	ng		95
34) Hexachlorobutadiene	10.781	225	12272	13.58	ng		95
35) Caprolactam	11.416	113	2442m	6.47	ng		
36) 4-Chloro-3-methylphenol	11.775	107	9494	6.45	ng		97
37) 2-Methylnaphthalene	12.128	142	18427	7.15	ng		98
38) 1-Methylnaphthalene	12.351	142	19378m	7.94	ng		
40) 1,2,4,5-Tetrachloroben...	12.498	216	15186	9.64	ng		99
41) Hexachlorocyclopentadiene	12.475	237	2336	3.22	ng		96
43) 2,4,6-Trichlorophenol	12.757	196	6857m	6.93	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	8202	7.60	ng		96
46) 1,1'-Biphenyl	13.157	154	29177	8.24	ng		99
47) 2-Chloronaphthalene	13.192	162	25279	9.03	ng		97
48) 2-Nitroaniline	13.416	65	5239	4.84	ng	#	83
49) Acenaphthylene	14.051	152	34941	8.07	ng		100
50) Dimethylphthalate	13.792	163	23025	6.71	ng		98
51) 2,6-Dinitrotoluene	13.916	165	6511	8.53	ng	#	77
52) Acenaphthene	14.392	154	24903	9.41	ng	#	93
53) 3-Nitroaniline	14.251	138	4704	6.76	ng	#	75
54) 2,4-Dinitrophenol	14.475	184	2599	6.23	ng	#	67
55) Dibenzofuran	14.733	168	45543	10.34	ng		98
56) 4-Nitrophenol	14.598	139	3178	5.44	ng		86
57) 2,4-Dinitrotoluene	14.716	165	8770	8.27	ng		96
58) Fluorene	15.386	166	34258	9.59	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.969	232	7588	7.89	ng	#	87
60) Diethylphthalate	15.163	149	21500	6.13	ng		96
61) 4-Chlorophenyl-phenyle...	15.386	204	17531	9.36	ng		98
62) 4-Nitroaniline	15.416	138	4629m	6.48	ng		
63) Azobenzene	15.680	77	39056	7.21	ng		98
65) 4,6-Dinitro-2-methylph...	15.486	198	4988	7.60	ng		86
66) n-Nitrosodiphenylamine	15.604	169	26996	9.14	ng		97
67) 4-Bromophenyl-phenylether	16.286	248	8034	7.20	ng		95
68) Hexachlorobenzene	16.392	284	13202	11.06	ng		95
69) Atrazine	16.563	200	7111	6.88	ng		93
70) Pentachlorophenol	16.757	266	4247	5.90	ng	#	90
71) Phenanthrene	17.133	178	58624	10.61	ng		97
72) Anthracene	17.227	178	50415	9.42	ng		96
73) Carbazole	17.510	167	45296	8.86	ng		97
74) Di-n-butylphthalate	18.063	149	34124	5.98	ng	#	89
75) Fluoranthene	19.121	202	61131	9.02	ng		97
77) Benzidine	19.310	184	15758	6.12	ng		99
78) Pyrene	19.474	202	68599	7.84	ng		99
80) Butylbenzylphthalate	20.351	149	15066	4.61	ng	#	97
81) Benzo(a)anthracene	21.180	228	86878	9.36	ng		100
82) 3,3'-Dichlorobenzidine	21.115	252	18641	6.86	ng		95
83) Chrysene	21.233	228	87780	9.72	ng		99
84) Bis(2-ethylhexyl)phtha...	21.104	149	25251	4.92	ng	#	99
85) Di-n-octyl phthalate	21.986	149	49546	5.37	ng		99
87) Indeno(1,2,3-cd)pyrene	25.792	276	108831	9.57	ng		99
88) Benzo(b)fluoranthene	22.774	252	93860	9.64	ng		99
89) Benzo(k)fluoranthene	22.821	252	92136	9.88	ng		97
90) Benzo(a)pyrene	23.362	252	86835	9.64	ng		97
91) Dibenzo(a,h)anthracene	25.803	278	96651	9.75	ng		96
92) Benzo(g,h,i)perylene	26.503	276	93205	9.73	ng		99

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

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