Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041921\
Data File : BP005338.D
Acq On : 19 Apr 2021 19:35
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
4/21/2021 8:37:04 AM

Quant Time: Apr 20 00:44:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 19 18:33:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	33647	20.00	ng		0.00
21) Naphthalene-d8	10.440	136	65149	20.00	ng		0.00
39) Acenaphthene-d10	14.310	164	48502	20.00	ng		0.00
64) Phenanthrene-d10	17.075	188	119625	20.00	ng		# 0.00
76) Chrysene-d12	21.174	240	160529	20.00	ng		0.00
86) Perylene-d12	23.433	264	144262	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	376085	136.29	ng		0.00
7) Phenol-d6	6.846	99	479709	150.31	ng		0.00
23) Nitrobenzene-d5	8.816	82	385016	182.51	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	153188	237.60	ng		0.00
45) 2-Fluorobiphenyl	12.928	172	668567	183.09	ng		0.00
79) Terphenyl-d14	19.657	244	1566432	192.74	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.581	79	221902m	66.42	ng		
6) Aniline	6.993	93	224648	74.17	ng		95
8) 2-Chlorophenol	7.222	128	193491	88.83	ng		90
9) Benzaldehyde	6.799	77	73400	43.64	ng		90
10) Phenol	6.869	94	237749	74.11	ng		100
11) bis(2-Chloroethyl)ether	7.087	93	169325	72.58	ng		98
12) 1,3-Dichlorobenzene	7.534	146	222999m	85.18	ng		
13) 1,4-Dichlorobenzene	7.687	146	219392	85.40	ng		93
14) 1,2-Dichlorobenzene	7.999	146	203738	82.66	ng		96
15) Benzyl Alcohol	7.905	79	114570	70.64	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.175	45	109234	76.96	ng		94
17) 2-Methylphenol	8.105	107	122980	77.43	ng		94
18) Hexachloroethane	8.710	117	72708	67.55	ng		94
19) n-Nitroso-di-n-propyla...	8.463	70	112276	67.59	ng		94
20) 3+4-Methylphenols	8.440	107	150654	74.19	ng		96
22) Acetophenone	8.481	105	257564	100.96	ng	#	99
24) Nitrobenzene	8.857	77	186732	86.89	ng		94
25) Isophorone	9.381	82	246616	95.85	ng		96
26) 2-Nitrophenol	9.563	139	56742	107.32	ng		93
27) 2,4-Dimethylphenol	9.634	122	86386	97.30	ng		97
28) bis(2-Chloroethoxy)met...	9.863	93	125087	90.37	ng		99
29) 2,4-Dichlorophenol	10.099	162	107070	106.42	ng		95
30) 1,2,4-Trichlorobenzene	10.304	180	135208	102.58	ng		98
31) Naphthalene	10.487	128	350870	92.85	ng		99
32) Benzoic acid	9.840	122	58385	111.03	ng	#	83
33) 4-Chloroaniline	10.610	127	122296	98.30	ng		96
34) Hexachlorobutadiene	10.763	225	104075	98.38	ng		99
35) Caprolactam	11.440	113	26339	91.66	ng		83
36) 4-Chloro-3-methylphenol	11.757	107	113434	97.28	ng		91
37) 2-Methylnaphthalene	12.110	142	232728	100.28	ng		98
38) 1-Methylnaphthalene	12.334	142	222006	98.92	ng		99
40) 1,2,4,5-Tetrachloroben...	12.487	216	156092	91.33	ng		99
43) 2,4,6-Trichlorophenol	12.740	196	88421	95.19	ng		99
44) 2,4,5-Trichlorophenol	12.816	196	98457	94.29	ng		97
46) 1,1'-Biphenyl	13.140	154	311631	88.35	ng		96
47) 2-Chloronaphthalene	13.181	162	252433	87.22	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.034	152	391690	91.44	ng		99
50) Dimethylphthalate	13.787	163	302046	94.91	ng		98
51) 2,6-Dinitrotoluene	13.904	165	73568	91.89	ng		99
52) Acenaphthene	14.381	154	245309	88.33	ng		97
53) 3-Nitroaniline	14.240	138	62575	98.84	ng		91
54) 2,4-Dinitrophenol	14.451	184	43946	114.16	ng		95
55) Dibenzofuran	14.716	168	447507	91.43	ng		99
56) 4-Nitrophenol	14.569	139	50845	95.69	ng		90
57) 2,4-Dinitrotoluene	14.704	165	113177	101.54	ng		96
58) Fluorene	15.369	166	382480	98.28	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.951	232	100840m	104.97	ng		
60) Diethylphthalate	15.151	149	317745	101.30	ng		99
61) 4-Chlorophenyl-phenyle...	15.363	204	213401	104.48	ng		100
62) 4-Nitroaniline	15.410	138	66749	102.53	ng		87
63) Azobenzene	15.663	77	431836	90.24	ng		94
65) 4,6-Dinitro-2-methylph...	15.469	198	71286	101.15	ng		96
66) n-Nitrosodiphenylamine	15.587	169	306358	86.74	ng		98
67) 4-Bromophenyl-phenylether	16.263	248	135221	103.11	ng		99
68) Hexachlorobenzene	16.375	284	159188	96.11	ng		98
69) Atrazine	16.551	200	108108	99.55	ng		95
70) Pentachlorophenol	16.728	266	87421	111.50	ng		96
71) Phenanthrene	17.116	178	618185	86.42	ng		99
72) Anthracene	17.210	178	612107	92.34	ng		99
73) Carbazole	17.492	167	559910	90.87	ng		99
74) Di-n-butylphthalate	18.045	149	536553	99.66	ng		98
75) Fluoranthene	19.098	202	793231	94.37	ng		98
77) Benzidine	19.286	184	160848	81.02	ng		99
78) Pyrene	19.451	202	834553	91.10	ng		100
80) Butylbenzylphthalate	20.333	149	193963	88.92	ng		91
81) Benzo(a)anthracene	21.163	228	880595	85.97	ng		100
82) 3,3'-Dichlorobenzidine	21.098	252	227144	89.70	ng		99
83) Chrysene	21.216	228	863403	85.19	ng		99
84) Bis(2-ethylhexyl)phtha...	21.086	149	314614	85.86	ng		98
85) Di-n-octyl phthalate	21.969	149	563485	82.96	ng		97
87) Indeno(1,2,3-cd)pyrene	25.762	276	979753	90.87	ng		97
88) Benzo(b)fluoranthene	22.757	252	921599	95.32	ng	#	97
89) Benzo(k)fluoranthene	22.804	252	851947	89.84	ng	#	98
90) Benzo(a)pyrene	23.339	252	793755	89.55	ng		99
91) Dibenzo(a,h)anthracene	25.774	278	858791	91.58	ng	#	98
92) Benzo(g,h,i)perylene	26.468	276	773008	86.87	ng		99

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

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