Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101321\
Data File : BP007400.D
Acq On : 13 Oct 2021 11:50
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
10/14/2021 10:56:01 AM

Quant Time: Oct 13 13:09:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:04:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	195377	20.00	ng		0.00
21) Naphthalene-d8	10.775	136	757295	20.00	ng		0.00
39) Acenaphthene-d10	14.598	164	489320	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	1033220	20.00	ng		0.00
76) Chrysene-d12	21.433	240	1024646	20.00	ng		0.00
86) Perylene-d12	23.886	264	1109975	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	481936	40.64	ng		0.00
7) Phenol-d6	7.122	99	645048	40.52	ng		0.00
23) Nitrobenzene-d5	9.122	82	491555	38.23	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	205395	25.59	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	1325060	37.84	ng		0.00
79) Terphenyl-d14	19.910	244	2084673	35.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	105054	23.03	ng		99
3) Pyridine	3.816	79	288765	22.38	ng		99
4) n-Nitrosodimethylamine	3.728	42	119641	24.80	ng	#	99
6) Aniline	7.287	93	371011	21.01	ng		100
8) 2-Chlorophenol	7.528	128	251289	19.58	ng		99
9) Benzaldehyde	7.099	77	208268	22.61	ng		98
10) Phenol	7.146	94	311592	20.47	ng		99
11) bis(2-Chloroethyl)ether	7.387	93	256412	21.02	ng		99
12) 1,3-Dichlorobenzene	7.857	146	287582	19.87	ng		100
13) 1,4-Dichlorobenzene	8.004	146	293218	20.18	ng		99
14) 1,2-Dichlorobenzene	8.322	146	279830	19.89	ng		98
15) Benzyl Alcohol	8.199	79	237715	23.01	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.499	45	333954	23.79	ng		99
17) 2-Methylphenol	8.404	107	215112	20.47	ng		98
18) Hexachloroethane	9.057	117	102936	20.96	ng		99
19) n-Nitroso-di-n-propyla...	8.775	70	193131	21.40	ng		100
20) 3+4-Methylphenols	8.728	107	293405	19.92	ng		98
22) Acetophenone	8.787	105	384931	21.61	ng	#	99
24) Nitrobenzene	9.163	77	249555	20.57	ng		100
25) Isophorone	9.693	82	523597	21.58	ng		100
26) 2-Nitrophenol	9.881	139	85386	12.60	ng		96
27) 2,4-Dimethylphenol	9.940	122	213775	21.24	ng		99
28) bis(2-Chloroethoxy)met...	10.181	93	342866	21.04	ng		99
29) 2,4-Dichlorophenol	10.410	162	229658	18.97	ng		98
30) 1,2,4-Trichlorobenzene	10.640	180	266769	19.56	ng		98
31) Naphthalene	10.822	128	773285	19.95	ng		100
32) Benzoic acid	10.022	122	100293	12.35	ng		96
33) 4-Chloroaniline	10.922	127	332395	20.73	ng		99
34) Hexachlorobutadiene	11.128	225	168773	20.75	ng		97
35) Caprolactam	11.669	113	43809	11.45	ng		97
36) 4-Chloro-3-methylphenol	12.045	107	258422	22.81	ng		98
37) 2-Methylnaphthalene	12.428	142	547194	22.55	ng		98
38) 1-Methylnaphthalene	12.651	142	531074	22.30	ng		99
40) 1,2,4,5-Tetrachloroben...	12.798	216	293028	18.43	ng		99
41) Hexachlorocyclopentadiene	12.787	237	155468	33.31	ng		99
43) 2,4,6-Trichlorophenol	13.034	196	176388	16.21	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	174625	14.82	ng		99
46) 1,1'-Biphenyl	13.439	154	725085	19.74	ng		99
47) 2-Chloronaphthalene	13.475	162	554570	19.35	ng		100
48) 2-Nitroaniline	13.669	65	109226	14.72	ng		96
49) Acenaphthylene	14.322	152	887339	20.06	ng		100
50) Dimethylphthalate	14.057	163	719286	19.08	ng		100
51) 2,6-Dinitrotoluene	14.169	165	117464	14.96	ng		99
52) Acenaphthene	14.663	154	545162	20.88	ng		99
53) 3-Nitroaniline	14.486	138	130462	16.20	ng		99
54) 2,4-Dinitrophenol	14.692	184	35872	8.16	ng	#	90
55) Dibenzofuran	14.998	168	878449	19.38	ng		99
56) 4-Nitrophenol	14.786	139	103819	16.44	ng		98
57) 2,4-Dinitrotoluene	14.951	165	144257	13.43	ng		95
58) Fluorene	15.645	166	666790	19.00	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.222	232	166997m	15.51	ng		
60) Diethylphthalate	15.428	149	735859	19.63	ng		100
61) 4-Chlorophenyl-phenyle...	15.645	204	345822	17.69	ng		99
62) 4-Nitroaniline	15.651	138	130775	15.18	ng		99
63) Azobenzene	15.939	77	702882	22.91	ng		99
65) 4,6-Dinitro-2-methylph...	15.716	198	68275	9.59	ng		94
66) n-Nitrosodiphenylamine	15.857	169	616455	18.82	ng		99
67) 4-Bromophenyl-phenylether	16.545	248	216409	16.23	ng		98
68) Hexachlorobenzene	16.657	284	242449	16.57	ng		98
69) Atrazine	16.810	200	222679	18.47	ng		100
70) Pentachlorophenol	16.998	266	124739	15.49	ng		96
71) Phenanthrene	17.392	178	1102561	20.21	ng		99
72) Anthracene	17.486	178	1105050	19.17	ng		100
73) Carbazole	17.751	167	1118575	19.91	ng		100
74) Di-n-butylphthalate	18.316	149	1287847	19.75	ng		100
75) Fluoranthene	19.357	202	1345349	19.12	ng		99
77) Benzidine	19.527	184	540849	18.19	ng		99
78) Pyrene	19.710	202	1400728	19.85	ng		99
80) Butylbenzylphthalate	20.592	149	541860	19.88	ng		98
81) Benzo(a)anthracene	21.416	228	1377433	20.81	ng		100
82) 3,3'-Dichlorobenzidine	21.345	252	453802	19.05	ng		99
83) Chrysene	21.474	228	1294129	20.77	ng		99
84) Bis(2-ethylhexyl)phtha...	21.363	149	838001	22.09	ng		98
85) Di-n-octyl phthalate	22.310	149	1392887	21.53	ng		99
87) Indeno(1,2,3-cd)pyrene	26.451	276	1593672	20.98	ng		100
88) Benzo(b)fluoranthene	23.139	252	1341893	18.57	ng		99
89) Benzo(k)fluoranthene	23.186	252	1326848	18.55	ng		99
90) Benzo(a)pyrene	23.774	252	1142081	20.35	ng		100
91) Dibenzo(a,h)anthracene	26.480	278	1321802	20.78	ng		98
92) Benzo(g,h,i)perylene	27.245	276	1321725	22.21	ng		98

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

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