Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101321\
Data File : BP007404.D
Acq On : 13 Oct 2021 14:06
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
10/14/2021 10:56:12 AM

Quant Time: Oct 13 14:32:01 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	213781	20.00	ng	0.00
21) Naphthalene-d8	10.775	136	795417	20.00	ng	0.00
39) Acenaphthene-d10	14.604	164	488620	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1020780	20.00	ng	0.00
76) Chrysene-d12	21.439	240	927415	20.00	ng	0.00
86) Perylene-d12	23.886	264	1066836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1801606	138.86	ng	0.00
7) Phenol-d6	7.128	99	2411091	138.42	ng	0.00
23) Nitrobenzene-d5	9.128	82	2074306	153.59	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	771703	96.28	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	4288985	122.65	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.00	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	394194	78.98	ng	99
3) Pyridine	3.816	79	1056988	74.86	ng	99
4) n-Nitrosodimethylamine	3.728	42	496415	94.03	ng	96
6) Aniline	7.293	93	1402112	72.56	ng	100
8) 2-Chlorophenol	7.534	128	938810	66.85	ng	99
10) Phenol	7.157	94	1184933	71.14	ng	98
11) bis(2-Chloroethyl)ether	7.393	93	942347	70.59	ng	99
12) 1,3-Dichlorobenzene	7.857	146	1071836	67.69	ng	100
13) 1,4-Dichlorobenzene	8.004	146	1077021	67.74	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1018267	66.14	ng	100
15) Benzyl Alcohol	8.204	79	915653	81.00	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1214851	79.09	ng	99
17) 2-Methylphenol	8.410	107	797206	69.34	ng	99
18) Hexachloroethane	9.057	117	396759	73.84	ng	98
19) n-Nitroso-di-n-propyla...	8.787	70	678978	68.74	ng	98
20) 3+4-Methylphenols	8.740	107	1101287	68.34	ng	99
22) Acetophenone	8.793	105	1357598	72.56	ng	99
24) Nitrobenzene	9.169	77	1016378	79.76	ng	99
25) Isophorone	9.704	82	1937356	76.02	ng	99
26) 2-Nitrophenol	9.881	139	464136	65.20	ng	99
27) 2,4-Dimethylphenol	9.946	122	783952	74.16	ng	97
28) bis(2-Chloroethoxy)met...	10.187	93	1240235	72.44	ng	99
29) 2,4-Dichlorophenol	10.416	162	905170	71.20	ng	99
30) 1,2,4-Trichlorobenzene	10.640	180	1001736	69.94	ng	98
31) Naphthalene	10.828	128	2815912	69.18	ng	99
32) Benzoic acid	10.104	122	590887	69.28	ng	98
33) 4-Chloroaniline	10.928	127	1208595	71.75	ng	99
34) Hexachlorobutadiene	11.122	225	632970	74.08	ng	99
35) Caprolactam	11.710	113	189357m	47.11	ng	
36) 4-Chloro-3-methylphenol	12.051	107	962041	80.84	ng	99
37) 2-Methylnaphthalene	12.434	142	1958025	76.84	ng	99
38) 1-Methylnaphthalene	12.651	142	1886035	75.39	ng	100
40) 1,2,4,5-Tetrachloroben...	12.798	216	1028592	64.80	ng	100
41) Hexachlorocyclopentadiene	12.792	237	616896	132.35	ng	99
43) 2,4,6-Trichlorophenol	13.034	196	639498	58.86	ng	98
44) 2,4,5-Trichlorophenol	13.104	196	635809	54.05	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	1,1'-Biphenyl	13.439	154	2459318	67.04	ng	99
47)	2-Chloronaphthalene	13.481	162	1910004	66.74	ng	98
48)	2-Nitroaniline	13.675	65	563570	76.06	ng	98
49)	Acenaphthylene	14.322	152	3046751	68.97	ng	99
50)	Dimethylphthalate	14.069	163	2504923	66.53	ng	100
51)	2,6-Dinitrotoluene	14.175	165	517772	66.06	ng	99
52)	Acenaphthene	14.669	154	1914209	73.41	ng	100
53)	3-Nitroaniline	14.498	138	579070	72.03	ng	99
55)	Dibenzofuran	15.004	168	2969141	65.60	ng	100
56)	4-Nitrophenol	14.798	139	474128	75.20	ng	96
57)	2,4-Dinitrotoluene	14.957	165	704340	65.68	ng	97
58)	Fluorene	15.651	166	2043964	58.34	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.228	232	657864m	61.20	ng	
60)	Diethylphthalate	15.434	149	2507811	67.01	ng	100
61)	4-Chlorophenyl-phenyle...	15.645	204	1077793	55.22	ng	97
62)	4-Nitroaniline	15.663	138	529643	61.57	ng	95
63)	Azobenzene	15.939	77	2363143	77.14	ng	98
65)	4,6-Dinitro-2-methylph...	15.722	198	388055	55.18	ng	98
66)	n-Nitrosodiphenylamine	15.863	169	2022722	62.50	ng	99
67)	4-Bromophenyl-phenylether	16.545	248	741049	56.25	ng	99
68)	Hexachlorobenzene	16.663	284	812221	56.18	ng	98
69)	Atrazine	16.816	200	745713	62.62	ng	100
70)	Pentachlorophenol	16.998	266	537935	67.60	ng	97
71)	Phenanthrene	17.398	178	3639010	67.51	ng	100
72)	Anthracene	17.486	178	3632492	63.77	ng	99
73)	Carbazole	17.751	167	3582839	64.55	ng	99
74)	Di-n-butylphthalate	18.316	149	4264984	66.21	ng	100
75)	Fluoranthene	19.357	202	4372431	62.90	ng	100
77)	Benzidine	19.533	184	1975184	73.38	ng	99
78)	Pyrene	19.710	202	4431253	69.39	ng	99
80)	Butylbenzylphthalate	20.592	149	1958969	79.40	ng	99
81)	Benzo(a)anthracene	21.421	228	4349438	72.60	ng	99
82)	3,3'-Dichlorobenzidine	21.351	252	1468778	68.13	ng	99
83)	Chrysene	21.474	228	4089945	72.53	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.363	149	2657748	77.40	ng	99
85)	Di-n-octyl phthalate	22.310	149	4974367	84.96	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.468	276	5567534	76.25	ng	99
88)	Benzo(b)fluoranthene	23.145	252	4561408	65.67	ng	100
89)	Benzo(k)fluoranthene	23.192	252	4366442	63.50	ng	100
90)	Benzo(a)pyrene	23.786	252	3963389	73.49	ng	99
91)	Dibenzo(a,h)anthracene	26.498	278	4514557	73.85	ng	99
92)	Benzo(g,h,i)perylene	27.256	276	4729584	82.70	ng	99

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

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