Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111321\
Data File : BP007970.D
Acq On : 13 Nov 2021 16:14
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111321

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 05:41:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 05:36:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	142578	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	554697	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	356693	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	807767	20.000	ng	#	0.00
76) Chrysene-d12	21.333	240	944576	20.000	ng		0.00
86) Perylene-d12	23.739	264	1138381	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	658055	74.872	ng		0.00
7) Phenol-d6	7.016	99	874248	74.770	ng		0.00
23) Nitrobenzene-d5	8.999	82	851916	82.187	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	479527	85.445	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2140849	84.190	ng		0.00
79) Terphenyl-d14	19.804	244	3704319	79.520	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	129311	34.959	ng		95
3) Pyridine	3.734	79	389433	36.704	ng		98
4) n-Nitrosodimethylamine	3.640	42	153774	39.238	ng	#	97
6) Aniline	7.169	93	511550	38.744	ng		97
8) 2-Chlorophenol	7.410	128	367080	39.505	ng		96
9) Benzaldehyde	6.981	77	261157	40.363	ng		97
10) Phenol	7.046	94	441130	38.887	ng		95
11) bis(2-Chloroethyl)ether	7.269	93	343670	36.864	ng		94
12) 1,3-Dichlorobenzene	7.728	146	415336	39.748	ng		99
13) 1,4-Dichlorobenzene	7.875	146	425244	40.030	ng		99
14) 1,2-Dichlorobenzene	8.193	146	406747	37.918	ng		99
15) Benzyl Alcohol	8.087	79	355235	40.167	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	389764	39.493	ng		96
17) 2-Methylphenol	8.293	107	306830	39.275	ng		100
18) Hexachloroethane	8.922	117	146018	40.534	ng		90
19) n-Nitroso-di-n-propyla...	8.657	70	270164	37.117	ng		92
20) 3+4-Methylphenols	8.622	107	430370	39.752	ng		98
22) Acetophenone	8.669	105	569759	40.382	ng	#	97
24) Nitrobenzene	9.046	77	402756	40.656	ng		97
25) Isophorone	9.575	82	731287	40.561	ng		97
26) 2-Nitrophenol	9.757	139	213387	42.192	ng		94
27) 2,4-Dimethylphenol	9.822	122	305778	40.931	ng		92
28) bis(2-Chloroethoxy)met...	10.057	93	467021	39.038	ng		99
29) 2,4-Dichlorophenol	10.293	162	384950	41.859	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	430128	40.877	ng		98
31) Naphthalene	10.693	128	1138048	40.177	ng		99
32) Benzoic acid	9.987	122	273271	42.330	ng		96
33) 4-Chloroaniline	10.804	127	493016	40.523	ng		97
34) Hexachlorobutadiene	10.981	225	301203	41.892	ng		99
35) Caprolactam	11.598	113	81953	40.578	ng	#	89
36) 4-Chloro-3-methylphenol	11.934	107	418042	40.229	ng		99
37) 2-Methylnaphthalene	12.304	142	820998	39.662	ng		98
38) 1-Methylnaphthalene	12.522	142	797908	39.521	ng		100
40) 1,2,4,5-Tetrachloroben...	12.675	216	516980	43.500	ng		99
41) Hexachlorocyclopentadiene	12.657	237	246364	42.577	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	353348	43.509	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	381639	43.250	ng		97
46) 1,1'-Biphenyl	13.316	154	1115470	41.870	ng		98
47) 2-Chloronaphthalene	13.357	162	880316	42.240	ng		99
48) 2-Nitroaniline	13.563	65	260823	44.095	ng		97
49) Acenaphthylene	14.204	152	1334072	42.081	ng		98
50) Dimethylphthalate	13.945	163	1179638	41.801	ng		100
51) 2,6-Dinitrotoluene	14.057	165	250849	42.788	ng		99
52) Acenaphthene	14.545	154	761484	40.128	ng		98
53) 3-Nitroaniline	14.392	138	246002	41.154	ng	#	94
54) 2,4-Dinitrophenol	14.598	184	156772	44.310	ng		89
55) Dibenzofuran	14.881	168	1300085	40.287	ng		97
56) 4-Nitrophenol	14.704	139	206395	42.367	ng		89
57) 2,4-Dinitrotoluene	14.851	165	332997	42.671	ng	#	89
58) Fluorene	15.534	166	994821	38.746	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	334378m	41.605	ng		
60) Diethylphthalate	15.310	149	1106738	40.688	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	552739	39.805	ng		99
62) 4-Nitroaniline	15.557	138	261179	42.515	ng		89
63) Azobenzene	15.822	77	935017	40.829	ng		97
65) 4,6-Dinitro-2-methylph...	15.622	198	230591	43.557	ng		87
66) n-Nitrosodiphenylamine	15.745	169	913659	39.515	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	383220	40.563	ng		97
68) Hexachlorobenzene	16.545	284	433096	40.703	ng	#	93
69) Atrazine	16.704	200	247382	41.039	ng		97
70) Pentachlorophenol	16.892	266	276119	42.556	ng		96
71) Phenanthrene	17.280	178	1705503	39.631	ng		99
72) Anthracene	17.369	178	1688272	40.019	ng		99
73) Carbazole	17.645	167	1654131	39.816	ng		99
74) Di-n-butylphthalate	18.204	149	1923879	40.919	ng		99
75) Fluoranthene	19.251	202	2169493	39.816	ng		97
77) Benzidine	19.433	184	671262	46.316	ng		99
78) Pyrene	19.604	202	2250547	39.842	ng		99
80) Butylbenzylphthalate	20.486	149	967825	41.496	ng		91
81) Benzo(a)anthracene	21.316	228	2513163	40.415	ng		99
82) 3,3'-Dichlorobenzidine	21.251	252	1206293	42.027	ng	#	99
83) Chrysene	21.374	228	2392451	40.140	ng		99
84) Bis(2-ethylhexyl)phtha...	21.251	149	1341265	40.278	ng	#	98
85) Di-n-octyl phthalate	22.174	149	2560137	41.717	ng		96
87) Indeno(1,2,3-cd)pyrene	26.262	276	3430143	41.734	ng	#	93
88) Benzo(b)fluoranthene	23.010	252	2732093	40.319	ng	#	98
89) Benzo(k)fluoranthene	23.057	252	2667166	39.401	ng	#	98
90) Benzo(a)pyrene	23.633	252	2352211	40.585	ng	#	97
91) Dibenzo(a,h)anthracene	26.274	278	2855334	41.879	ng	#	96
92) Benzo(g,h,i)perylene	27.027	276	2812235	41.844	ng	#	94

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

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