Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010622\
Data File : BP008709.D
Acq On : 06 Jan 2022 14:47
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Quant Time: Jan 06 16:22:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 06 16:16:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	388220	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	1768064	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	1274993	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2786985	20.000	ng	0.00
76) Chrysene-d12	21.363	240	2983248	20.000	ng	0.00
86) Perylene-d12	23.786	264	3344061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	2865957	134.747	ng	0.00
7) Phenol-d6	7.052	99	3998208	135.053	ng	0.00
23) Nitrobenzene-d5	9.040	82	3595115	120.962	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	2546396	147.616	ng	0.00
45) 2-Fluorobiphenyl	13.146	172	9958585	113.163	ng	0.00
79) Terphenyl-d14	19.828	244	14234196	97.421	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	508175	59.143	ng	97
3) Pyridine	3.764	79	1372846	58.572	ng	98
4) n-Nitrosodimethylamine	3.670	42	583143	77.052	ng	89
6) Aniline	7.205	93	2485854	72.246	ng	98
8) 2-Chlorophenol	7.446	128	1664754	66.446	ng	100
9) Benzaldehyde	7.016	77	1333172	79.122	ng	99
10) Phenol	7.081	94	2039967	68.256	ng	98
11) bis(2-Chloroethyl)ether	7.305	93	1552578	64.411	ng	99
12) 1,3-Dichlorobenzene	7.769	146	1818362	62.003	ng	99
13) 1,4-Dichlorobenzene	7.916	146	1858134	62.291	ng	99
14) 1,2-Dichlorobenzene	8.234	146	1812643	62.199	ng	99
15) Benzyl Alcohol	8.122	79	1488499	70.195	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.416	45	1758863	64.125	ng	99
17) 2-Methylphenol	8.328	107	1407020	67.652	ng	97
18) Hexachloroethane	8.963	117	636203	65.417	ng	99
19) n-Nitroso-di-n-propyla...	8.693	70	1270630	67.210	ng	97
20) 3+4-Methylphenols	8.663	107	1965039	67.254	ng	97
22) Acetophenone	8.705	105	2641553	62.305	ng	99
24) Nitrobenzene	9.081	77	1826479	64.526	ng	98
25) Isophorone	9.616	82	3577615	64.436	ng	99
26) 2-Nitrophenol	9.793	139	1022994	76.092	ng	96
27) 2,4-Dimethylphenol	9.863	122	1730935	71.351	ng	99
28) bis(2-Chloroethoxy)met...	10.093	93	2207619	57.430	ng	100
29) 2,4-Dichlorophenol	10.334	162	1876828	63.922	ng	99
30) 1,2,4-Trichlorobenzene	10.546	180	1987369	57.401	ng	99
31) Naphthalene	10.734	128	5473016	59.638	ng	99
32) Benzoic acid	10.046	122	1308301	85.383	ng	99
33) 4-Chloroaniline	10.840	127	2495255	63.410	ng	100
34) Hexachlorobutadiene	11.028	225	1198022	56.997	ng	100
35) Caprolactam	11.657	113	660561	68.446	ng	94
36) 4-Chloro-3-methylphenol	11.975	107	1873201	63.824	ng	100
37) 2-Methylnaphthalene	12.346	142	4330203	62.687	ng	99
38) 1-Methylnaphthalene	12.563	142	3989290	59.069	ng	100
40) 1,2,4,5-Tetrachloroben...	12.716	216	2467504	61.430	ng	100
41) Hexachlorocyclopentadiene	12.698	237	1546183	72.388	ng	99
43) 2,4,6-Trichlorophenol	12.951	196	1670022	63.903	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	1832330	63.500	ng		98
46) 1,1'-Biphenyl	13.351	154	5587339	59.248	ng		100
47) 2-Chloronaphthalene	13.393	162	4358955	58.978	ng		100
48) 2-Nitroaniline	13.593	65	1130170	69.756	ng		99
49) Acenaphthylene	14.240	152	6927003	61.017	ng		99
50) Dimethylphthalate	13.981	163	5669264	57.731	ng		100
51) 2,6-Dinitrotoluene	14.093	165	1284474	63.743	ng		96
52) Acenaphthene	14.581	154	4191007	56.423	ng		100
53) 3-Nitroaniline	14.422	138	1347667	64.258	ng		100
54) 2,4-Dinitrophenol	14.628	184	734784	81.869	ng		96
55) Dibenzofuran	14.916	168	6799940	57.105	ng		99
56) 4-Nitrophenol	14.734	139	1134667	68.704	ng		93
57) 2,4-Dinitrotoluene	14.881	165	1798017	66.873	ng		94
58) Fluorene	15.569	166	5559315	59.911	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	1640511m	63.459	ng		
60) Diethylphthalate	15.345	149	5581329	58.144	ng		99
61) 4-Chlorophenyl-phenyle...	15.563	204	3019763	58.419	ng		98
62) 4-Nitroaniline	15.587	138	1410434	66.218	ng		92
63) Azobenzene	15.857	77	4575693	59.062	ng		98
65) 4,6-Dinitro-2-methylph...	15.651	198	1022942	72.993	ng		98
66) n-Nitrosodiphenylamine	15.775	169	4959721	58.966	ng		100
67) 4-Bromophenyl-phenylether	16.457	248	1976347	64.808	ng		100
68) Hexachlorobenzene	16.581	284	2252590	60.175	ng		100
69) Atrazine	16.739	200	2040652	64.860	ng		97
70) Pentachlorophenol	16.922	266	1493576	73.254	ng		99
71) Phenanthrene	17.316	178	8853863	58.925	ng		99
72) Anthracene	17.404	178	9117309	62.274	ng		98
73) Carbazole	17.675	167	8362704	58.197	ng		99
74) Di-n-butylphthalate	18.228	149	9663369	61.467	ng		99
75) Fluoranthene	19.280	202	10828599	62.654	ng		98
77) Benzidine	19.451	184	7596054	84.752	ng		99
78) Pyrene	19.633	202	11008719	56.723	ng		98
80) Butylbenzylphthalate	20.504	149	4734637	61.163	ng		98
81) Benzo(a)anthracene	21.345	228	11151783	57.621	ng		99
82) 3,3'-Dichlorobenzidine	21.274	252	5421364	76.185	ng		99
83) Chrysene	21.398	228	10692457	59.084	ng		98
84) Bis(2-ethylhexyl)phtha...	21.274	149	6753980	57.758	ng	#	98
85) Di-n-octyl phthalate	22.210	149	11970938	66.137	ng		100
87) Indeno(1,2,3-cd)pyrene	26.339	276	16135319	71.832	ng		98
88) Benzo(b)fluoranthene	23.051	252	12651325	58.828	ng		98
89) Benzo(k)fluoranthene	23.104	252	12212865	57.126	ng		98
90) Benzo(a)pyrene	23.686	252	12492695	72.058	ng		98
91) Dibenzo(a,h)anthracene	26.362	278	13477967	71.126	ng		98
92) Benzo(g,h,i)perylene	27.127	276	13195878	74.473	ng		99

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

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