Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020722\
Data File : BP009045.D
Acq On : 07 Feb 2022 13:59
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :Yogesh Patel 02/15/2022

Quant Time: Feb 07 14:41:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 13:09:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	243673	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	907653	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	617931	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1297107	20.000	ng		0.00
76) Chrysene-d12	21.304	240	1021209	20.000	ng		0.00
86) Perylene-d12	23.692	264	915994	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2010499	145.081	ng		0.00
7) Phenol-d6	6.993	99	2687197	147.978	ng		0.00
23) Nitrobenzene-d5	8.975	82	2532923	156.376	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	1415396	167.151	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	6251053	141.222	ng		0.00
79) Terphenyl-d14	19.774	244	8513370	151.640	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	322632	70.442	ng		98
3) Pyridine	3.705	79	924834m	68.009	ng		
4) n-Nitrosodimethylamine	3.616	42	341929	67.694	ng		90
6) Aniline	7.140	93	1599347	77.439	ng		98
8) 2-Chlorophenol	7.375	128	1157329	74.185	ng		97
10) Phenol	7.022	94	1393249	76.505	ng		97
11) bis(2-Chloroethyl)ether	7.240	93	1069179	75.888	ng		98
12) 1,3-Dichlorobenzene	7.693	146	1307608	73.181	ng		98
13) 1,4-Dichlorobenzene	7.840	146	1326641	72.486	ng		100
14) 1,2-Dichlorobenzene	8.157	146	1283740	72.655	ng		99
15) Benzyl Alcohol	8.057	79	965539	82.769	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	1180269	75.494	ng		99
17) 2-Methylphenol	8.263	107	936216	76.657	ng		97
18) Hexachloroethane	8.881	117	450059	74.558	ng		98
19) n-Nitroso-di-n-propyla...	8.628	70	736461	70.248	ng		98
20) 3+4-Methylphenols	8.599	107	1300642	77.425	ng		98
22) Acetophenone	8.640	105	1514667	70.117	ng	#	97
24) Nitrobenzene	9.016	77	1198436	78.344	ng		97
25) Isophorone	9.546	82	2205314	81.348	ng		98
26) 2-Nitrophenol	9.722	139	676466	83.588	ng		93
27) 2,4-Dimethylphenol	9.793	122	947240	79.297	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	1430194	79.145	ng		98
29) 2,4-Dichlorophenol	10.269	162	1209687	81.171	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	1334064	77.233	ng		99
31) Naphthalene	10.657	128	3526987	75.832	ng		100
32) Benzoic acid	10.034	122	899479	94.842	ng		97
33) 4-Chloroaniline	10.775	127	1530465	80.406	ng		98
34) Hexachlorobutadiene	10.940	225	825549	77.769	ng		99
35) Caprolactam	11.610	113	389101m	87.025	ng		
36) 4-Chloro-3-methylphenol	11.922	107	1179333	82.980	ng		100
37) 2-Methylnaphthalene	12.269	142	2576657	78.227	ng		98
38) 1-Methylnaphthalene	12.492	142	2489133	77.147	ng		98
40) 1,2,4,5-Tetrachloroben...	12.645	216	1513273	76.781	ng		99
41) Hexachlorocyclopentadiene	12.622	237	599672	118.903	ng		100
43) 2,4,6-Trichlorophenol	12.892	196	1081140	81.418	ng		98
44) 2,4,5-Trichlorophenol	12.969	196	1167178	81.788	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.287	154	3392868	74.603	ng		100
47) 2-Chloronaphthalene	13.328	162	2720413	74.900	ng		99
48) 2-Nitroaniline	13.539	65	725862	84.419	ng		95
49) Acenaphthylene	14.175	152	4181383	76.013	ng		99
50) Dimethylphthalate	13.922	163	3493082	78.393	ng		99
51) 2,6-Dinitrotoluene	14.039	165	767923	82.932	ng		95
52) Acenaphthene	14.516	154	2516777	75.784	ng		99
53) 3-Nitroaniline	14.375	138	820786	84.594	ng		98
54) 2,4-Dinitrophenol	14.586	184	495932	97.267	ng		93
55) Dibenzofuran	14.851	168	4238885	75.738	ng		98
56) 4-Nitrophenol	14.698	139	641176	89.401	ng		91
57) 2,4-Dinitrotoluene	14.834	165	1060646	86.448	ng	#	91
58) Fluorene	15.504	166	3226673	74.563	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	1020922m	81.795	ng		
60) Diethylphthalate	15.281	149	3368709	80.564	ng		98
61) 4-Chlorophenyl-phenyle...	15.498	204	1781020	76.197	ng		99
62) 4-Nitroaniline	15.545	138	841914	85.403	ng		91
63) Azobenzene	15.792	77	2913060	80.967	ng		95
65) 4,6-Dinitro-2-methylph...	15.604	198	722415	89.176	ng		96
66) n-Nitrosodiphenylamine	15.716	169	2973779	75.352	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	1193738	79.490	ng		98
68) Hexachlorobenzene	16.516	284	1309041	77.736	ng		97
69) Atrazine	16.680	200	1030018	78.049	ng		99
70) Pentachlorophenol	16.869	266	817257	90.530	ng		99
71) Phenanthrene	17.251	178	5216931	73.971	ng		100
72) Anthracene	17.345	178	5237807	76.066	ng		99
73) Carbazole	17.616	167	5067770	76.462	ng		99
74) Di-n-butylphthalate	18.169	149	5409803	79.903	ng		100
75) Fluoranthene	19.222	202	5933231	75.582	ng		98
77) Benzidine	19.398	184	1566359	70.879	ng		98
78) Pyrene	19.574	202	5958701	83.542	ng		98
80) Butylbenzylphthalate	20.445	149	2270913	90.637	ng		99
81) Benzo(a)anthracene	21.286	228	4999195	75.247	ng		99
82) 3,3'-Dichlorobenzidine	21.221	252	1693020	69.724	ng		97
83) Chrysene	21.339	228	4754030	74.327	ng		99
84) Bis(2-ethylhexyl)phtha...	21.210	149	2850041	85.320	ng		98
85) Di-n-octyl phthalate	22.127	149	4488401	80.743	ng		100
87) Indeno(1,2,3-cd)pyrene	26.204	276	5419259	78.999	ng		97
88) Benzo(b)fluoranthene	22.968	252	4529911	82.221	ng		98
89) Benzo(k)fluoranthene	23.015	252	4259872	75.852	ng		99
90) Benzo(a)pyrene	23.592	252	3757030	79.400	ng		99
91) Dibenzo(a,h)anthracene	26.215	278	4409081	78.134	ng		98
92) Benzo(g,h,i)perylene	26.968	276	4523197	80.192	ng		98

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

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