Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110724\
Data File : BP022916.D
Acq On : 07 Nov 2024 13:10
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 23:18:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 23:16:12 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.593	152	63395	20.000	ng		0.00
21) Naphthalene-d8	10.352	136	238432	20.000	ng		0.00
39) Acenaphthene-d10	14.210	164	197568	20.000	ng		0.00
64) Phenanthrene-d10	17.016	188	491730	20.000	ng		0.00
76) Chrysene-d12	21.451	240	587232	20.000	ng		-0.01
86) Perylene-d12	24.686	264	703276	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	64715	19.373	ng		0.00
7) Phenol-d6	6.799	99	90444	19.415	ng		0.00
23) Nitrobenzene-d5	8.740	82	96287	19.079	ng		0.00
42) 2,4,6-Tribromophenol	15.745	330	72608	18.960	ng		0.00
45) 2-Fluorobiphenyl	12.816	172	271456	19.632	ng		0.00
79) Terphenyl-d14	19.751	244	622040	19.893	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	13203	9.900	ng		94
3) Pyridine	3.587	79	34779	9.531	ng	#	92
4) n-Nitrosodimethylamine	3.493	42	17938	10.162	ng	#	93
6) Aniline	6.940	93	40357	10.392	ng		95
8) 2-Chlorophenol	7.175	128	34311	9.799	ng		100
9) Benzaldehyde	6.764	77	31010m	11.521	ng		
10) Phenol	6.822	94	44340	9.611	ng		99
11) bis(2-Chloroethyl)ether	7.034	93	33792	9.695	ng		98
12) 1,3-Dichlorobenzene	7.487	146	44711	10.005	ng		98
13) 1,4-Dichlorobenzene	7.628	146	45685	10.012	ng		98
14) 1,2-Dichlorobenzene	7.940	146	45074	10.217	ng		97
15) Benzyl Alcohol	7.846	79	30454	8.901	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.116	45	38540	10.191	ng		93
17) 2-Methylphenol	8.046	107	29093	9.290	ng		92
18) Hexachloroethane	8.652	117	16961	10.047	ng		95
19) n-Nitroso-di-n-propyla...	8.387	70	32329	10.139	ng	#	94
20) 3+4-Methylphenols	8.375	107	41890	9.571	ng		96
22) Acetophenone	8.411	105	62048	9.777	ng	#	94
24) Nitrobenzene	8.781	77	50909	9.931	ng		97
25) Isophorone	9.293	82	84006	9.835	ng		96
26) 2-Nitrophenol	9.487	139	19465	9.246	ng		99
27) 2,4-Dimethylphenol	9.552	122	22891	9.523	ng		90
28) bis(2-Chloroethoxy)met...	9.769	93	47537	9.798	ng		95
29) 2,4-Dichlorophenol	10.034	162	39053	9.386	ng		95
30) 1,2,4-Trichlorobenzene	10.216	180	52457	9.861	ng		92
31) Naphthalene	10.399	128	117965	9.874	ng		100
32) Benzoic acid	9.663	122	25659	8.893	ng		97
33) 4-Chloroaniline	10.528	127	40891	9.616	ng		95
34) Hexachlorobutadiene	10.675	225	38911	9.973	ng		96
35) Caprolactam	11.304	113	11310	9.080	ng		96
36) 4-Chloro-3-methylphenol	11.657	107	44358	9.606	ng		97
37) 2-Methylnaphthalene	12.010	142	86277	9.643	ng		98
38) 1-Methylnaphthalene	12.234	142	87274	9.827	ng		100
40) 1,2,4,5-Tetrachloroben...	12.381	216	64772	9.684	ng		99
41) Hexachlorocyclopentadiene	12.351	237	14174	7.546	ng		98
43) 2,4,6-Trichlorophenol	12.640	196	40261	9.465	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.722	196	45747	9.447	ng		95
46) 1,1'-Biphenyl	13.034	154	128417	9.778	ng		98
47) 2-Chloronaphthalene	13.075	162	105619	9.691	ng		99
48) 2-Nitroaniline	13.304	65	28738	9.173	ng		94
49) Acenaphthylene	13.940	152	146895	9.651	ng		98
50) Dimethylphthalate	13.681	163	141040	9.750	ng		99
51) 2,6-Dinitrotoluene	13.793	165	31346	9.530	ng		97
52) Acenaphthene	14.287	154	95355	9.742	ng		96
53) 3-Nitroaniline	14.134	138	25277	9.459	ng		95
54) 2,4-Dinitrophenol	14.375	184	15181	7.438	ng		92
55) Dibenzofuran	14.628	168	168412	9.798	ng		98
56) 4-Nitrophenol	14.493	139	17540	7.659	ng		89
57) 2,4-Dinitrotoluene	14.622	165	44101	9.275	ng		92
58) Fluorene	15.275	166	139307	9.755	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.857	232	44608	9.551	ng		99
60) Diethylphthalate	15.057	149	141949	9.867	ng		99
61) 4-Chlorophenyl-phenyle...	15.281	204	83372	9.905	ng		94
62) 4-Nitroaniline	15.328	138	24841	9.108	ng		96
63) Azobenzene	15.575	77	124140	10.035	ng		98
65) 4,6-Dinitro-2-methylph...	15.393	198	26043	8.430	ng		94
66) n-Nitrosodiphenylamine	15.498	169	119528	9.832	ng		98
67) 4-Bromophenyl-phenylether	16.192	248	58740	9.960	ng		96
68) Hexachlorobenzene	16.304	284	76805	10.167	ng		98
69) Atrazine	16.481	200	48090	11.736	ng		98
70) Pentachlorophenol	16.669	266	45345	9.399	ng		98
71) Phenanthrene	17.057	178	236651	9.944	ng		100
72) Anthracene	17.163	178	224624	9.835	ng		99
73) Carbazole	17.445	167	214325	9.826	ng		99
74) Di-n-butylphthalate	18.022	149	242808	9.988	ng		99
75) Fluoranthene	19.157	202	328720	9.958	ng		99
77) Benzidine	19.369	184	114060	9.830	ng		98
78) Pyrene	19.533	202	343479	9.882	ng		99
80) Butylbenzylphthalate	20.480	149	115313	9.730	ng		95
81) Benzo(a)anthracene	21.433	228	365147	9.992	ng		99
82) 3,3'-Dichlorobenzidine	21.363	252	141327	9.554	ng		100
83) Chrysene	21.498	228	345556	10.095	ng		100
84) Bis(2-ethylhexyl)phtha...	21.369	149	163761	9.628	ng		99
85) Di-n-octyl phthalate	22.598	149	273627	9.627	ng		99
87) Indeno(1,2,3-cd)pyrene	28.345	276	474610	10.007	ng	#	91
88) Benzo(b)fluoranthene	23.657	252	417913	10.115	ng		99
89) Benzo(k)fluoranthene	23.727	252	393188	10.078	ng		99
90) Benzo(a)pyrene	24.516	252	344416	9.742	ng		97
91) Dibenzo(a,h)anthracene	28.398	278	388969	10.003	ng		98
92) Benzo(g,h,i)perylene	29.468	276	393511	9.873	ng		98

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

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