Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091424\
Data File : BP021921.D
Acq On : 14 Sep 2024 15:02
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 15 04:44:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 04:38:44 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	187479	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	483453	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	480577	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1072177	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1115606	20.000	ng	0.00
86) Perylene-d12	24.904	264	1288747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	778767	59.978	ng	0.00
7) Phenol-d6	6.934	99	1039598	59.168	ng	0.00
23) Nitrobenzene-d5	8.893	82	746939	69.993	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	481103	90.090	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	2530096	86.591	ng	0.00
79) Terphenyl-d14	19.880	244	4374089	83.734	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	161596	24.500	ng	100
3) Pyridine	3.699	79	450647m	26.446	ng	
4) n-Nitrosodimethylamine	3.605	42	214024	33.227	ng	100
6) Aniline	7.093	93	464953	30.219	ng	100
8) 2-Chlorophenol	7.322	128	426622	35.711	ng	100
9) Benzaldehyde	6.905	77	273836	29.479	ng	100
10) Phenol	6.958	94	521553	29.221	ng	100
11) bis(2-Chloroethyl)ether	7.181	93	423084	30.812	ng	100
12) 1,3-Dichlorobenzene	7.646	146	523467	37.819	ng	100
13) 1,4-Dichlorobenzene	7.787	146	528647	37.669	ng	100
14) 1,2-Dichlorobenzene	8.099	146	506016	36.109	ng	100
15) Benzyl Alcohol	7.987	79	364918	27.957	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.275	45	513153	36.304	ng	100
17) 2-Methylphenol	8.193	107	353032	27.989	ng	100
18) Hexachloroethane	8.816	117	140355	23.997	ng	100
19) n-Nitroso-di-n-propyla...	8.546	70	252777	22.986	ng	100
20) 3+4-Methylphenols	8.510	107	368546	21.207	ng	100
22) Acetophenone	8.557	105	508258	34.053	ng	100
24) Nitrobenzene	8.934	77	383424	36.245	ng	100
25) Isophorone	9.457	82	615824	33.248	ng	100
26) 2-Nitrophenol	9.640	139	157376	42.773	ng	100
27) 2,4-Dimethylphenol	9.699	122	190961	36.162	ng	100
28) bis(2-Chloroethoxy)met...	9.928	93	378266	31.433	ng	100
29) 2,4-Dichlorophenol	10.163	162	309073	45.001	ng	100
30) 1,2,4-Trichlorobenzene	10.381	180	369996	46.824	ng	100
31) Naphthalene	10.563	128	962629	38.013	ng	100
32) Benzoic acid	9.834	122	200928m	34.494	ng	
33) 4-Chloroaniline	10.675	127	353554	38.061	ng	100
34) Hexachlorobutadiene	10.851	225	261102	53.235	ng	100
35) Caprolactam	11.451	113	91122	31.957	ng	100
36) 4-Chloro-3-methylphenol	11.798	107	332884	33.550	ng	100
37) 2-Methylnaphthalene	12.175	142	710777	41.954	ng	100
38) 1-Methylnaphthalene	12.393	142	719722	42.547	ng	100
40) 1,2,4,5-Tetrachloroben...	12.545	216	484120	39.018	ng	100
41) Hexachlorocyclopentadiene	12.528	237	174091	43.487	ng	100
43) 2,4,6-Trichlorophenol	12.787	196	383635	48.098	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	425256	45.858	ng	100
46) 1,1'-Biphenyl	13.192	154	1328734	39.638	ng	100
47) 2-Chloronaphthalene	13.234	162	1071067	41.105	ng	100
48) 2-Nitroaniline	13.434	65	286613	31.550	ng	100
49) Acenaphthylene	14.081	152	1525539	39.565	ng	100
50) Dimethylphthalate	13.810	163	1325919	40.075	ng	100
51) 2,6-Dinitrotoluene	13.934	165	305266	41.720	ng	100
52) Acenaphthene	14.434	154	985206m	39.521	ng	
53) 3-Nitroaniline	14.269	138	280309	37.312	ng	100
54) 2,4-Dinitrophenol	14.469	184	156211	44.799	ng	100
55) Dibenzofuran	14.769	168	1610199	41.062	ng	100
56) 4-Nitrophenol	14.581	139	243104	37.309	ng	100
57) 2,4-Dinitrotoluene	14.734	165	415180	41.152	ng	100
58) Fluorene	15.434	166	1282624	39.688	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	371465	45.547	ng	100
60) Diethylphthalate	15.198	149	1319119	38.412	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	686493	43.805	ng	100
62) 4-Nitroaniline	15.445	138	300829	36.622	ng	100
63) Azobenzene	15.728	77	1177285	30.466	ng	100
65) 4,6-Dinitro-2-methylph...	15.504	198	231073	46.080	ng	100
66) n-Nitrosodiphenylamine	15.645	169	1119355	40.778	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	429877	42.540	ng	100
68) Hexachlorobenzene	16.457	284	511907	42.413	ng	100
69) Atrazine	16.622	200	404092	50.193	ng	100
70) Pentachlorophenol	16.804	266	351023	45.483	ng	100
71) Phenanthrene	17.198	178	2052696	38.726	ng	100
72) Anthracene	17.304	178	2017010	39.077	ng	100
73) Carbazole	17.575	167	1993058	37.614	ng	100
74) Di-n-butylphthalate	18.175	149	2281784	38.937	ng	100
75) Fluoranthene	19.292	202	2679914	41.761	ng	100
77) Benzidine	19.480	184	687857	44.739	ng	100
78) Pyrene	19.669	202	2858183	40.598	ng	100
80) Butylbenzylphthalate	20.610	149	1043979	36.032	ng	100
81) Benzo(a)anthracene	21.574	228	2868189	40.522	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	1006326	45.004	ng	100
83) Chrysene	21.639	228	2698696	39.607	ng	100
84) Bis(2-ethylhexyl)phtha...	21.516	149	1596301	38.481	ng	100
85) Di-n-octyl phthalate	22.780	149	2616574	38.312	ng	100
87) Indeno(1,2,3-cd)pyrene	28.680	276	3279020	40.466	ng	100
88) Benzo(b)fluoranthene	23.863	252	3076181	41.447	ng	100
89) Benzo(k)fluoranthene	23.933	252	2903699	40.353	ng	100
90) Benzo(a)pyrene	24.757	252	2671115	41.522	ng	100
91) Dibenzo(a,h)anthracene	28.762	278	2713429	40.509	ng	100
92) Benzo(g,h,i)perylene	29.839	276	2847447	40.525	ng	100

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

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