Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021224\
Data File : BP019656.D
Acq On : 12 Feb 2024 11:23
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 12 12:08:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	91044	20.000	ng		-0.01
21) Naphthalene-d8	10.704	136	311545	20.000	ng		-0.01
39) Acenaphthene-d10	14.540	164	182249	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	409095	20.000	ng		0.00
76) Chrysene-d12	21.392	240	452632	20.000	ng		0.00
86) Perylene-d12	23.810	264	557507	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	466843	82.654	ng		0.00
7) Phenol-d6	7.081	99	592268	77.768	ng		0.00
23) Nitrobenzene-d5	9.075	82	574729	79.937	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	256542	96.409	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1193769	80.976	ng		-0.01
79) Terphenyl-d14	19.863	244	2086422	75.806	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	86729	39.855	ng		97
3) Pyridine	3.781	79	229671	38.929	ng		96
4) n-Nitrosodimethylamine	3.705	42	99011	38.547	ng		99
6) Aniline	7.240	93	283419	38.299	ng		98
8) 2-Chlorophenol	7.469	128	230257	39.708	ng		99
9) Benzaldehyde	7.058	77	224989m	42.137	ng		
10) Phenol	7.105	94	293328	38.644	ng		99
11) bis(2-Chloroethyl)ether	7.346	93	222131	37.615	ng		97
12) 1,3-Dichlorobenzene	7.793	146	285908	40.294	ng		97
13) 1,4-Dichlorobenzene	7.940	146	290240	40.374	ng		99
14) 1,2-Dichlorobenzene	8.258	146	275656	39.632	ng		99
15) Benzyl Alcohol	8.152	79	220754	36.278	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.446	45	208638m	35.331	ng		
17) 2-Methylphenol	8.358	107	190959	37.368	ng		99
18) Hexachloroethane	8.975	117	107448	38.561	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	173513	33.355	ng		99
20) 3+4-Methylphenols	8.687	107	258557	37.073	ng		95
22) Acetophenone	8.740	105	349189	39.343	ng	#	98
24) Nitrobenzene	9.116	77	284539	39.306	ng		99
25) Isophorone	9.646	82	462557	36.941	ng		98
26) 2-Nitrophenol	9.828	139	122567	44.405	ng		90
27) 2,4-Dimethylphenol	9.887	122	140130	39.703	ng		99
28) bis(2-Chloroethoxy)met...	10.134	93	267737	37.792	ng		99
29) 2,4-Dichlorophenol	10.357	162	215441	40.380	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	273080	41.744	ng		99
31) Naphthalene	10.757	128	680226	39.810	ng		99
32) Benzoic acid	10.028	122	154180	44.836	ng		98
33) 4-Chloroaniline	10.875	127	247145	39.112	ng		97
34) Hexachlorobutadiene	11.028	225	203998	42.082	ng		99
35) Caprolactam	11.675	113	60179	39.843	ng		98
36) 4-Chloro-3-methylphenol	11.999	107	225163	38.704	ng		99
37) 2-Methylnaphthalene	12.369	142	458171	38.746	ng		99
38) 1-Methylnaphthalene	12.587	142	447865	38.541	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	295647	42.063	ng		99
41) Hexachlorocyclopentadiene	12.699	237	112807	35.528	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	181719	42.697	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	202820	43.398	ng	99
46) 1,1'-Biphenyl	13.381	154	582764	40.064	ng	98
47) 2-Chloronaphthalene	13.422	162	482967	40.448	ng	97
48) 2-Nitroaniline	13.634	65	141118	42.266	ng	94
49) Acenaphthylene	14.263	152	684348	40.852	ng	100
50) Dimethylphthalate	14.010	163	562057	40.286	ng	99
51) 2,6-Dinitrotoluene	14.134	165	130625	42.614	ng	91
52) Acenaphthene	14.604	154	420116	40.407	ng	100
53) 3-Nitroaniline	14.463	138	123286	43.765	ng	99
54) 2,4-Dinitrophenol	14.669	184	65386	41.084	ng	98
55) Dibenzofuran	14.940	168	685182	40.462	ng	98
56) 4-Nitrophenol	14.769	139	107126	46.397	ng	93
57) 2,4-Dinitrotoluene	14.916	165	180877	45.029	ng	98
58) Fluorene	15.592	166	553631	41.048	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	173670	44.180	ng	98
60) Diethylphthalate	15.375	149	573159	41.302	ng	100
61) 4-Chlorophenyl-phenyle...	15.592	204	310498	40.959	ng	95
62) 4-Nitroaniline	15.622	138	133738	45.293	ng	96
63) Azobenzene	15.887	77	518026	38.603	ng	96
65) 4,6-Dinitro-2-methylph...	15.681	198	99471	42.642	ng	96
66) n-Nitrosodiphenylamine	15.810	169	466410	38.068	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	203055	39.704	ng	96
68) Hexachlorobenzene	16.592	284	238925	40.006	ng	94
69) Atrazine	16.769	200	158718	39.039	ng	99
70) Pentachlorophenol	16.939	266	167548	45.050	ng	98
71) Phenanthrene	17.339	178	867846	40.310	ng	99
72) Anthracene	17.434	178	863642	40.213	ng	99
73) Carbazole	17.704	167	823706	42.219	ng	99
74) Di-n-butylphthalate	18.269	149	936507	39.698	ng	99
75) Fluoranthene	19.310	202	1146827	43.605	ng	100
77) Benzidine	19.498	184	266519	28.164	ng	99
78) Pyrene	19.657	202	1203862	37.686	ng	99
80) Butylbenzylphthalate	20.551	149	445647	37.356	ng	96
81) Benzo(a)anthracene	21.375	228	1289296	40.465	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	472791	40.721	ng	99
83) Chrysene	21.427	228	1207927	39.931	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	645490	35.533	ng	99
85) Di-n-octyl phthalate	22.257	149	1141738	35.722	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1736731	40.697	ng	99
88) Benzo(b)fluoranthene	23.074	252	1402960	39.928	ng	99
89) Benzo(k)fluoranthene	23.122	252	1331347	39.666	ng	99
90) Benzo(a)pyrene	23.710	252	1259541	40.287	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1426908	40.655	ng	99
92) Benzo(g,h,i)perylene	27.127	276	1466770	41.193	ng	99

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

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