Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019450.D
Acq On : 26 Jan 2024 14:51
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 26 23:38:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 23:25:28 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	86415	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	362710	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	249980	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	577954	20.000	ng		0.00
76) Chrysene-d12	21.416	240	559089	20.000	ng		0.00
86) Perylene-d12	23.845	264	565310	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	893034	162.582	ng		0.00
7) Phenol-d6	7.099	99	1323523	163.125	ng		0.00
23) Nitrobenzene-d5	9.105	82	1402137	174.101	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	573344	177.106	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	3055098	161.984	ng		0.00
79) Terphenyl-d14	19.892	244	5635415	165.258	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	169248	78.106	ng		99
3) Pyridine	3.793	79	542227m	84.383	ng		
4) n-Nitrosodimethylamine	3.717	42	251606	84.498	ng		99
6) Aniline	7.269	93	619440	75.117	ng		99
8) 2-Chlorophenol	7.493	128	472173	81.818	ng		98
10) Phenol	7.128	94	658262	81.098	ng		98
11) bis(2-Chloroethyl)ether	7.369	93	510789	79.523	ng		99
12) 1,3-Dichlorobenzene	7.811	146	546309	79.293	ng		99
13) 1,4-Dichlorobenzene	7.964	146	549951	79.034	ng		99
14) 1,2-Dichlorobenzene	8.275	146	534860	79.049	ng		99
15) Benzyl Alcohol	8.175	79	569016	82.128	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	695815	77.811	ng		97
17) 2-Methylphenol	8.375	107	449135	80.682	ng		100
18) Hexachloroethane	8.999	117	223021	80.093	ng		98
19) n-Nitroso-di-n-propyla...	8.758	70	488887	77.999	ng		99
20) 3+4-Methylphenols	8.711	107	635572	82.566	ng		98
22) Acetophenone	8.763	105	881275	80.388	ng	#	99
24) Nitrobenzene	9.146	77	719383	85.329	ng		98
25) Isophorone	9.669	82	1373519	79.422	ng		100
27) 2,4-Dimethylphenol	9.910	122	356214	82.386	ng		99
28) bis(2-Chloroethoxy)met...	10.158	93	727519	78.398	ng		100
29) 2,4-Dichlorophenol	10.375	162	499554	84.513	ng		99
30) 1,2,4-Trichlorobenzene	10.587	180	570936	81.338	ng		98
31) Naphthalene	10.781	128	1611590	79.166	ng		100
32) Benzoic acid	10.110	122	363039	81.292	ng		96
33) 4-Chloroaniline	10.905	127	663658	80.635	ng		98
34) Hexachlorobutadiene	11.052	225	399909	81.210	ng		98
35) Caprolactam	11.722	113	187473m	80.374	ng		
36) 4-Chloro-3-methylphenol	12.022	107	656832	82.993	ng		99
37) 2-Methylnaphthalene	12.387	142	1169297	79.569	ng		99
38) 1-Methylnaphthalene	12.604	142	1151033	78.989	ng		99
40) 1,2,4,5-Tetrachloroben...	12.752	216	676609	83.072	ng		100
41) Hexachlorocyclopentadiene	12.722	237	295010	85.139	ng		100
43) 2,4,6-Trichlorophenol	12.999	196	441969	87.313	ng		98
44) 2,4,5-Trichlorophenol	13.063	196	498586	87.969	ng		97
46) 1,1'-Biphenyl	13.404	154	1551074	81.139	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.440	162	1259125	81.583	ng	99
48) 2-Nitroaniline	13.651	65	450179	81.526	ng	99
49) Acenaphthylene	14.287	152	1894385	80.899	ng	99
50) Dimethylphthalate	14.040	163	1662894	80.474	ng	99
51) 2,6-Dinitrotoluene	14.157	165	370187	80.528	ng	98
52) Acenaphthene	14.628	154	1173956	80.922	ng	100
53) 3-Nitroaniline	14.487	138	359998	91.594	ng	99
54) 2,4-Dinitrophenol	14.687	184	182356	79.585	ng	94
55) Dibenzofuran	14.963	168	1891265	79.862	ng	99
56) 4-Nitrophenol	14.787	139	304514	89.089	ng	97
57) 2,4-Dinitrotoluene	14.940	165	516712	80.990	ng	95
58) Fluorene	15.616	166	1575102	79.984	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	431567	86.840	ng	99
60) Diethylphthalate	15.404	149	1778728	80.609	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	852568	81.129	ng	98
62) 4-Nitroaniline	15.657	138	392570	89.561	ng	97
63) Azobenzene	15.910	77	1763492	79.313	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	269607	82.683	ng	98
66) n-Nitrosodiphenylamine	15.834	169	1362273	80.937	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	533370	82.085	ng	98
68) Hexachlorobenzene	16.610	284	613378	82.918	ng	97
69) Atrazine	16.798	200	465832	73.741	ng	99
70) Pentachlorophenol	16.957	266	414559	91.633	ng	99
71) Phenanthrene	17.363	178	2482803	80.703	ng	99
72) Anthracene	17.451	178	2489107	80.738	ng	100
73) Carbazole	17.728	167	2391462	80.166	ng	99
74) Di-n-butylphthalate	18.292	149	3087236	81.192	ng	100
75) Fluoranthene	19.328	202	3220164	80.521	ng	99
78) Pyrene	19.681	202	3323135	82.217	ng	99
80) Butylbenzylphthalate	20.575	149	1420301	86.454	ng	99
81) Benzo(a)anthracene	21.398	228	3258978	81.269	ng	100
82) 3,3'-Dichlorobenzidine	21.339	252	1069809	78.818	ng	99
83) Chrysene	21.457	228	3030063	80.485	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	2107945	82.933	ng	100
85) Di-n-octyl phthalate	22.304	149	3586531	83.949	ng	100
87) Indeno(1,2,3-cd)pyrene	26.398	276	2828166	76.343	ng	99
88) Benzo(b)fluoranthene	23.110	252	3179094	84.029	ng	99
89) Benzo(k)fluoranthene	23.163	252	3008527	83.612	ng	100
90) Benzo(a)pyrene	23.745	252	2683810	82.970	ng	99
91) Dibenzo(a,h)anthracene	26.433	278	2362753	76.583	ng	99
92) Benzo(g,h,i)perylene	27.180	276	2188507	73.771	ng	99

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

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