Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019930.D
Acq On : 29 Feb 2024 11:07
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 29 12:20:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 29 12:18:35 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
03/01/2024
Supervised By :mohammad ahmed
03/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	79449	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	330133	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	256698	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	611460	20.000	ng		0.00
76) Chrysene-d12	21.427	240	560824	20.000	ng		0.00
86) Perylene-d12	23.868	264	632088	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	367122	75.845	ng		0.00
7) Phenol-d6	7.087	99	532389	73.875	ng		0.00
23) Nitrobenzene-d5	9.087	82	603145	73.757	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	394864	89.712	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	1553667	81.776	ng		0.00
79) Terphenyl-d14	19.892	244	3030501	85.170	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	62098	37.092	ng		99
3) Pyridine	3.781	79	198996	38.862	ng		99
4) n-Nitrosodimethylamine	3.705	42	83158	39.409	ng		97
6) Aniline	7.240	93	325676	36.839	ng		95
8) 2-Chlorophenol	7.475	128	206068	39.479	ng		96
9) Benzaldehyde	7.063	77	155401m	37.779	ng		
10) Phenol	7.116	94	264684	36.833	ng		96
11) bis(2-Chloroethyl)ether	7.346	93	206960	36.567	ng		99
12) 1,3-Dichlorobenzene	7.793	146	227137	40.081	ng		99
13) 1,4-Dichlorobenzene	7.946	146	229534	39.998	ng		98
14) 1,2-Dichlorobenzene	8.257	146	225568	39.183	ng		97
15) Benzyl Alcohol	8.163	79	239137	37.614	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	207790	34.386	ng		99
17) 2-Methylphenol	8.363	107	200970	37.394	ng		99
18) Hexachloroethane	8.975	117	87202	39.214	ng		97
19) n-Nitroso-di-n-propyla...	8.734	70	203630	37.403	ng		99
20) 3+4-Methylphenols	8.699	107	276118	35.756	ng		96
22) Acetophenone	8.746	105	372728	36.352	ng	#	98
24) Nitrobenzene	9.128	77	291959	36.879	ng		99
25) Isophorone	9.657	82	544222	38.236	ng		99
26) 2-Nitrophenol	9.834	139	131775	41.599	ng		98
27) 2,4-Dimethylphenol	9.899	122	209133	39.992	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	304294	38.309	ng		99
29) 2,4-Dichlorophenol	10.375	162	238216	40.839	ng		98
30) 1,2,4-Trichlorobenzene	10.581	180	262531	40.968	ng		96
31) Naphthalene	10.769	128	700114	39.608	ng		99
32) Benzoic acid	10.093	122	175985	39.721	ng		98
33) 4-Chloroaniline	10.893	127	319273	39.757	ng		99
34) Hexachlorobutadiene	11.028	225	194184	41.670	ng		98
35) Caprolactam	11.722	113	85479	39.738	ng		95
36) 4-Chloro-3-methylphenol	12.022	107	283796	39.441	ng		99
37) 2-Methylnaphthalene	12.381	142	550864	40.146	ng		99
38) 1-Methylnaphthalene	12.598	142	516082	39.749	ng		96
40) 1,2,4,5-Tetrachloroben...	12.745	216	364766	41.599	ng		99
41) Hexachlorocyclopentadiene	12.704	237	166064	36.576	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	240036	41.460	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	285835	41.446	ng	98
46) 1,1'-Biphenyl	13.392	154	736116	40.050	ng	99
47) 2-Chloronaphthalene	13.434	162	571455	40.057	ng	99
48) 2-Nitroaniline	13.657	65	202172	39.210	ng	95
49) Acenaphthylene	14.281	152	922610	39.918	ng	99
50) Dimethylphthalate	14.034	163	839613	40.067	ng	100
51) 2,6-Dinitrotoluene	14.157	165	187407	41.554	ng	99
52) Acenaphthene	14.622	154	558296	40.229	ng	99
53) 3-Nitroaniline	14.487	138	180463	40.423	ng	99
54) 2,4-Dinitrophenol	14.710	184	116332	39.570	ng	99
55) Dibenzofuran	14.963	168	966899	40.824	ng	98
56) 4-Nitrophenol	14.810	139	140325	40.181	ng	99
57) 2,4-Dinitrotoluene	14.957	165	267703	41.707	ng	94
58) Fluorene	15.616	166	794438	41.358	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	264351	41.779	ng	96
60) Diethylphthalate	15.392	149	863308	41.701	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	459828	41.858	ng	97
62) 4-Nitroaniline	15.657	138	194212m	41.766	ng	
63) Azobenzene	15.904	77	763546	39.619	ng	98
65) 4,6-Dinitro-2-methylph...	15.722	198	173564	41.820	ng	99
66) n-Nitrosodiphenylamine	15.828	169	712790	40.625	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	313798	41.505	ng	99
68) Hexachlorobenzene	16.616	284	342640	42.023	ng	99
69) Atrazine	16.798	200	302035	41.142	ng	99
70) Pentachlorophenol	16.975	266	239271	39.701	ng	97
71) Phenanthrene	17.369	178	1294805	39.672	ng	99
72) Anthracene	17.457	178	1325012	39.769	ng	100
73) Carbazole	17.739	167	1172328	39.728	ng	99
74) Di-n-butylphthalate	18.286	149	1477477	40.034	ng	100
75) Fluoranthene	19.339	202	1573928	37.159	ng	99
77) Benzidine	19.527	184	672428	41.741	ng	100
78) Pyrene	19.692	202	1592480	41.329	ng	100
80) Butylbenzylphthalate	20.574	149	621560	40.339	ng	98
81) Benzo(a)anthracene	21.410	228	1594157	40.045	ng	99
82) 3,3'-Dichlorobenzidine	21.345	252	634510	41.557	ng	100
83) Chrysene	21.469	228	1500454	40.224	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	897335	40.569	ng	98
85) Di-n-octyl phthalate	22.286	149	1526844	41.479	ng	99
87) Indeno(1,2,3-cd)pyrene	26.445	276	1732923	38.943	ng	99
88) Benzo(b)fluoranthene	23.121	252	1574275	40.624	ng	99
89) Benzo(k)fluoranthene	23.174	252	1522059	40.048	ng	99
90) Benzo(a)pyrene	23.763	252	1489079	40.208	ng	99
91) Dibenzo(a,h)anthracene	26.462	278	1475454	39.441	ng	98
92) Benzo(g,h,i)perylene	27.227	276	1377611	38.148	ng	97

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

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