Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012924\
Data File : BP019467.D
Acq On : 29 Jan 2024 15:56
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 30 00:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 00:44:14 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	69109	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	282786	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	197836	20.000	ng		0.00
64) Phenanthrene-d10	17.322	188	460938	20.000	ng		0.00
76) Chrysene-d12	21.422	240	455125	20.000	ng		0.00
86) Perylene-d12	23.857	264	454625	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	427101	98.338	ng		0.00
7) Phenol-d6	7.099	99	628290	99.093	ng		0.00
23) Nitrobenzene-d5	9.105	82	697427	101.482	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	284304	104.889	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	1503803	97.872	ng		0.00
79) Terphenyl-d14	19.892	244	2852702	89.301	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	77695	47.649	ng		99
3) Pyridine	3.793	79	242643m	50.560	ng		
4) n-Nitrosodimethylamine	3.722	42	134711	50.954	ng		97
6) Aniline	7.263	93	320914	50.368	ng		98
8) 2-Chlorophenol	7.493	128	228948	49.246	ng		96
9) Benzaldehyde	7.081	77	159087	49.622	ng		97
10) Phenol	7.128	94	313237	49.985	ng		100
11) bis(2-Chloroethyl)ether	7.369	93	234923	48.740	ng		98
12) 1,3-Dichlorobenzene	7.816	146	266041	48.742	ng		94
13) 1,4-Dichlorobenzene	7.969	146	269099	48.452	ng		99
14) 1,2-Dichlorobenzene	8.281	146	263015	49.111	ng		99
15) Benzyl Alcohol	8.181	79	277727	50.040	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.469	45	318292	48.689	ng		97
17) 2-Methylphenol	8.375	107	214691	49.565	ng		99
18) Hexachloroethane	9.005	117	110224	49.484	ng		99
19) n-Nitroso-di-n-propyla...	8.752	70	233228	48.729	ng		98
20) 3+4-Methylphenols	8.710	107	299090	49.630	ng		97
22) Acetophenone	8.763	105	426961	50.354	ng	#	99
24) Nitrobenzene	9.146	77	351484	50.241	ng		99
25) Isophorone	9.669	82	642933	49.731	ng		99
26) 2-Nitrophenol	9.852	139	129891	53.108	ng		97
27) 2,4-Dimethylphenol	9.910	122	166963	49.709	ng		99
28) bis(2-Chloroethoxy)met...	10.157	93	336195	49.084	ng		99
29) 2,4-Dichlorophenol	10.381	162	246264	50.945	ng		100
30) 1,2,4-Trichlorobenzene	10.593	180	277616	49.410	ng		99
31) Naphthalene	10.787	128	786080	49.821	ng		99
32) Benzoic acid	10.075	122	189345	55.652	ng		98
33) 4-Chloroaniline	10.904	127	316249	50.873	ng		99
34) Hexachlorobutadiene	11.057	225	201233	49.412	ng		99
35) Caprolactam	11.698	113	90686	52.814	ng		99
36) 4-Chloro-3-methylphenol	12.022	107	313813	51.093	ng		99
37) 2-Methylnaphthalene	12.393	142	562584	49.746	ng		99
38) 1-Methylnaphthalene	12.610	142	561410	50.185	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	333272	49.278	ng		99
41) Hexachlorocyclopentadiene	12.722	237	151501	49.645	ng		97
43) 2,4,6-Trichlorophenol	12.998	196	221206	50.918	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	250727	51.379	ng	99
46) 1,1'-Biphenyl	13.404	154	756774	49.524	ng	99
47) 2-Chloronaphthalene	13.445	162	616459	49.660	ng	98
48) 2-Nitroaniline	13.651	65	231863	53.644	ng	96
49) Acenaphthylene	14.287	152	921927	50.167	ng	99
50) Dimethylphthalate	14.040	163	813436	50.245	ng	99
51) 2,6-Dinitrotoluene	14.157	165	182492	51.804	ng	99
52) Acenaphthene	14.628	154	570749	50.127	ng	97
53) 3-Nitroaniline	14.487	138	177322	52.880	ng	98
54) 2,4-Dinitrophenol	14.687	184	99290	50.660	ng	95
55) Dibenzofuran	14.969	168	933927	50.034	ng	100
56) 4-Nitrophenol	14.787	139	152868	55.812	ng	99
57) 2,4-Dinitrotoluene	14.940	165	261893	54.382	ng	99
58) Fluorene	15.616	166	780880	50.562	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	220967	52.233	ng	99
60) Diethylphthalate	15.404	149	861931	50.945	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	414036	49.499	ng	99
62) 4-Nitroaniline	15.651	138	198014	55.194	ng	96
63) Azobenzene	15.910	77	860829	50.521	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	144005	53.259	ng	95
66) n-Nitrosodiphenylamine	15.834	169	678825	49.263	ng	99
67) 4-Bromophenyl-phenylether	16.516	248	258764	48.924	ng	96
68) Hexachlorobenzene	16.610	284	295080	49.002	ng	99
69) Atrazine	16.798	200	242445	49.017	ng	100
70) Pentachlorophenol	16.963	266	211553	53.588	ng	99
71) Phenanthrene	17.369	178	1235644	50.347	ng	100
72) Anthracene	17.457	178	1235435	50.420	ng	100
73) Carbazole	17.733	167	1194632	52.256	ng	100
74) Di-n-butylphthalate	18.298	149	1506118	52.403	ng	100
75) Fluoranthene	19.333	202	1594458	53.666	ng	100
77) Benzidine	19.522	184	524418	50.341	ng	98
78) Pyrene	19.686	202	1649703	43.439	ng	100
80) Butylbenzylphthalate	20.580	149	697871	48.569	ng	100
81) Benzo(a)anthracene	21.404	228	1617295	49.304	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	562440	51.000	ng	99
83) Chrysene	21.457	228	1514554	49.499	ng	100
84) Bis(2-ethylhexyl)phtha...	21.351	149	1009803	50.156	ng	99
85) Di-n-octyl phthalate	22.304	149	1708091	53.720	ng	100
87) Indeno(1,2,3-cd)pyrene	26.409	276	1350407	44.565	ng	100
88) Benzo(b)fluoranthene	23.116	252	1536117	50.532	ng	99
89) Benzo(k)fluoranthene	23.168	252	1465227	50.560	ng	100
90) Benzo(a)pyrene	23.751	252	1299068	50.043	ng	99
91) Dibenzo(a,h)anthracene	26.439	278	1122344	44.744	ng	99
92) Benzo(g,h,i)perylene	27.186	276	1062927	42.569	ng	99

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

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