Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013124\
Data File : BP019496.D
Acq On : 31 Jan 2024 17:39
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 01 00:09:07 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 00:02:04 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	111500	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	434544	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	271443	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	502273	20.000	ng	0.00
76) Chrysene-d12	21.392	240	407972	20.000	ng	0.00
86) Perylene-d12	23.815	264	504101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	505663	73.404	ng	0.00
7) Phenol-d6	7.087	99	708738	73.703	ng	0.00
23) Nitrobenzene-d5	9.087	82	763411	75.747	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	292282	71.603	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	1690671	78.383	ng	0.00
79) Terphenyl-d14	19.868	244	1981500	77.760	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	93684	35.735	ng	100
3) Pyridine	3.787	79	269303m	36.057	ng	
4) n-Nitrosodimethylamine	3.710	42	118898	37.182	ng	100
6) Aniline	7.251	93	346797	36.516	ng	100
8) 2-Chlorophenol	7.481	128	267569	37.218	ng	100
9) Benzaldehyde	7.063	77	296852	52.873	ng	100
10) Phenol	7.116	94	353340	37.041	ng	100
11) bis(2-Chloroethyl)ether	7.351	93	278790	37.835	ng	100
12) 1,3-Dichlorobenzene	7.804	146	322598	37.127	ng	100
13) 1,4-Dichlorobenzene	7.951	146	325083	37.029	ng	100
14) 1,2-Dichlorobenzene	8.263	146	318390	37.142	ng	100
15) Benzyl Alcohol	8.163	79	291902	37.155	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.451	45	284516	38.038	ng	100
17) 2-Methylphenol	8.363	107	244406	37.607	ng	100
18) Hexachloroethane	8.987	117	129351	37.800	ng	100
19) n-Nitroso-di-n-propyla...	8.734	70	252732	37.973	ng	100
20) 3+4-Methylphenols	8.692	107	329190	36.627	ng	100
22) Acetophenone	8.745	105	473670	37.986	ng	100
24) Nitrobenzene	9.128	77	383619	37.687	ng	100
25) Isophorone	9.651	82	679997	37.782	ng	100
26) 2-Nitrophenol	9.834	139	151429	39.185	ng	100
27) 2,4-Dimethylphenol	9.898	122	190754	38.120	ng	100
28) bis(2-Chloroethoxy)met...	10.145	93	387094	38.971	ng	100
29) 2,4-Dichlorophenol	10.363	162	286753	38.110	ng	100
30) 1,2,4-Trichlorobenzene	10.581	180	344742	37.962	ng	100
31) Naphthalene	10.769	128	901980	37.791	ng	100
32) Benzoic acid	10.045	122	192894	38.059	ng	100
33) 4-Chloroaniline	10.886	127	339900	37.259	ng	100
34) Hexachlorobutadiene	11.039	225	257932	38.924	ng	100
35) Caprolactam	11.675	113	76161	32.380	ng	100
36) 4-Chloro-3-methylphenol	12.004	107	310775	36.484	ng	100
37) 2-Methylnaphthalene	12.375	142	634415	37.899	ng	100
38) 1-Methylnaphthalene	12.592	142	623906	37.699	ng	100
40) 1,2,4,5-Tetrachloroben...	12.739	216	399185	39.469	ng	100
41) Hexachlorocyclopentadiene	12.710	237	191739	43.142	ng	100
43) 2,4,6-Trichlorophenol	12.980	196	246188	39.113	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.051	196	268888	38.802	ng	100
46)	1,1'-Biphenyl	13.386	154	835302	39.103	ng	100
47)	2-Chloronaphthalene	13.428	162	677905	38.657	ng	100
48)	2-Nitroaniline	13.639	65	189322	36.935	ng	100
49)	Acenaphthylene	14.275	152	941207	37.552	ng	100
50)	Dimethylphthalate	14.022	163	768415	36.306	ng	100
51)	2,6-Dinitrotoluene	14.139	165	172170	37.048	ng	100
52)	Acenaphthene	14.616	154	587655	37.672	ng	100
53)	3-Nitroaniline	14.469	138	151076	34.569	ng	100
54)	2,4-Dinitrophenol	14.669	184	85944	36.165	ng	100
55)	Dibenzofuran	14.951	168	939013	37.109	ng	100
56)	4-Nitrophenol	14.769	139	118594	32.517	ng	100
57)	2,4-Dinitrotoluene	14.922	165	220838	35.235	ng	100
58)	Fluorene	15.598	166	741115	36.116	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.169	232	217564	36.333	ng	100
60)	Diethylphthalate	15.386	149	741675	34.923	ng	100
61)	4-Chlorophenyl-phenyle...	15.598	204	420825	37.108	ng	100
62)	4-Nitroaniline	15.627	138	149670	31.959	ng	100
63)	Azobenzene	15.892	77	733460	36.235	ng	100
65)	4,6-Dinitro-2-methylph...	15.680	198	115340	39.927	ng	100
66)	n-Nitrosodiphenylamine	15.816	169	606731	41.133	ng	100
67)	4-Bromophenyl-phenylether	16.498	248	256981	41.952	ng	100
68)	Hexachlorobenzene	16.592	284	290331	40.642	ng	100
69)	Atrazine	16.780	200	191392	38.219	ng	100
70)	Pentachlorophenol	16.945	266	180577	39.362	ng	100
71)	Phenanthrene	17.345	178	996365	37.783	ng	100
72)	Anthracene	17.439	178	1005208	38.061	ng	100
73)	Carbazole	17.710	167	856206	34.943	ng	100
74)	Di-n-butylphthalate	18.274	149	1073240	37.028	ng	100
75)	Fluoranthene	19.310	202	1121271	33.899	ng	100
77)	Benzidine	19.498	184	308042	38.460	ng	100
78)	Pyrene	19.663	202	1139284	38.204	ng	100
80)	Butylbenzylphthalate	20.557	149	428251	39.453	ng	100
81)	Benzo(a)anthracene	21.380	228	1094522	37.894	ng	100
82)	3,3'-Dichlorobenzidine	21.315	252	402692	38.908	ng	100
83)	Chrysene	21.433	228	1037154	37.941	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.327	149	651145	40.798	ng	100
85)	Di-n-octyl phthalate	22.274	149	1157883	43.050	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.345	276	1491434	40.459	ng	100
88)	Benzo(b)fluoranthene	23.080	252	1236830	37.753	ng	100
89)	Benzo(k)fluoranthene	23.127	252	1139925	36.953	ng	100
90)	Benzo(a)pyrene	23.709	252	1083173	38.265	ng	100
91)	Dibenzo(a,h)anthracene	26.374	278	1235900	40.958	ng	100
92)	Benzo(g,h,i)perylene	27.115	276	1248700	40.601	ng	100

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

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