Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
Data File : BP016480.D
Acq On : 02 Aug 2023 21:35
Operator : MA/JU
Sample : 03598-03MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 02 22:53:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
RB-54-(0-2)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.075	152	596113	20.000	ng		-0.02
21) Naphthalene-d8	10.910	136	2409370	20.000	ng		-0.02
39) Acenaphthene-d10	14.728	164	1396339	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	2804376	20.000	ng		0.00
76) Chrysene-d12	21.586	240	2086896	20.000	ng		# 0.00
86) Perylene-d12	24.180	264	2006237	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	2832578	77.521	ng		-0.02
7) Phenol-d6	7.216	99	3724945	74.374	ng		-0.01
23) Nitrobenzene-d5	9.275	82	2117529	49.198	ng		-0.02
42) 2,4,6-Tribromophenol	16.222	330	1227502	59.755	ng		0.00
45) 2-Fluorobiphenyl	13.351	172	4551643	46.733	ng		-0.01
79) Terphenyl-d14	20.033	244	5514783	55.822	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	499049	35.018	ng		98
3) Pyridine	3.858	79	1373022	32.232	ng		99
4) n-Nitrosodimethylamine	3.787	42	620126	38.610	ng		99
6) Aniline	7.411	93	1902503	30.754	ng		99
8) 2-Chlorophenol	7.628	128	1648376	43.025	ng		96
9) Benzaldehyde	7.222	77	827870	33.604	ng		96
10) Phenol	7.246	94	2139418	43.987	ng		99
11) bis(2-Chloroethyl)ether	7.505	93	1577891	39.910	ng		98
12) 1,3-Dichlorobenzene	7.958	146	1682109	40.899	ng		98
13) 1,4-Dichlorobenzene	8.111	146	1710640	41.003	ng		99
14) 1,2-Dichlorobenzene	8.428	146	1664781	41.444	ng		100
15) Benzyl Alcohol	8.328	79	1432674	41.870	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.610	45	1859575	41.473	ng		99
17) 2-Methylphenol	8.510	107	1409663	40.216	ng		99
18) Hexachloroethane	9.152	117	620426	41.691	ng		93
19) n-Nitroso-di-n-propyla...	8.899	70	1201428	38.291	ng		98
20) 3+4-Methylphenols	8.846	107	1894539	39.796	ng		100
22) Acetophenone	8.922	105	2392298	39.326	ng	#	99
24) Nitrobenzene	9.316	77	1769863	40.035	ng		97
25) Isophorone	9.834	82	3313739	38.134	ng		99
26) 2-Nitrophenol	10.022	139	776555	41.228	ng		95
27) 2,4-Dimethylphenol	10.057	122	1494194	38.435	ng		98
28) bis(2-Chloroethoxy)met...	10.322	93	2122689	39.880	ng		99
29) 2,4-Dichlorophenol	10.546	162	1519665	41.769	ng		98
30) 1,2,4-Trichlorobenzene	10.757	180	1519868	38.569	ng		99
31) Naphthalene	10.963	128	4813918	38.198	ng		99
32) Benzoic acid	10.205	122	1034655	41.539	ng		97
33) 4-Chloroaniline	11.087	127	704855	12.399	ng		99
34) Hexachlorobutadiene	11.199	225	839308	35.975	ng		100
35) Caprolactam	11.916	113	479884m	36.097	ng		
36) 4-Chloro-3-methylphenol	12.181	107	1619798	40.053	ng		100
37) 2-Methylnaphthalene	12.557	142	3287799	35.911	ng		99
38) 1-Methylnaphthalene	12.781	142	3146592	36.659	ng		99
40) 1,2,4,5-Tetrachloroben...	12.904	216	1636414	38.564	ng		99
41) Hexachlorocyclopentadiene	12.863	237	1891507	88.754	ng		100
43) 2,4,6-Trichlorophenol	13.151	196	1142665	41.968	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	1251875	37.898	ng		96
46) 1,1'-Biphenyl	13.563	154	4199434	39.453	ng		99
47) 2-Chloronaphthalene	13.610	162	3259092	40.585	ng		99
48) 2-Nitroaniline	13.834	65	961937	42.496	ng		97
49) Acenaphthylene	14.457	152	5331589	40.015	ng		100
50) Dimethylphthalate	14.187	163	4081071	37.506	ng		99
51) 2,6-Dinitrotoluene	14.322	165	881372	39.538	ng		92
52) Acenaphthene	14.793	154	3043147	38.409	ng		100
53) 3-Nitroaniline	14.657	138	639302	25.367	ng		92
54) 2,4-Dinitrophenol	14.857	184	723769	70.464	ng		97
55) Dibenzofuran	15.128	168	4867642	37.460	ng		99
56) 4-Nitrophenol	14.945	139	1576651	79.921	ng		98
57) 2,4-Dinitrotoluene	15.104	165	1172573	40.362	ng		95
58) Fluorene	15.775	166	3781862	37.045	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.340	232	1029081	37.872	ng		93
60) Diethylphthalate	15.540	149	4030422	37.272	ng		98
61) 4-Chlorophenyl-phenyle...	15.769	204	1852829	35.966	ng		98
62) 4-Nitroaniline	15.828	138	887886	35.501	ng		97
63) Azobenzene	16.063	77	3976218	38.943	ng		97
65) 4,6-Dinitro-2-methylph...	15.857	198	506688	39.822	ng		99
66) n-Nitrosodiphenylamine	15.992	169	3372779	40.809	ng		99
67) 4-Bromophenyl-phenylether	16.669	248	1161131	39.102	ng		95
68) Hexachlorobenzene	16.751	284	1296285	39.145	ng		95
69) Atrazine	16.945	200	1162216	47.285	ng		99
70) Pentachlorophenol	17.116	266	1418092	61.882	ng		95
71) Phenanthrene	17.534	178	5848229	39.273	ng		100
72) Anthracene	17.628	178	5848364	39.058	ng		100
73) Carbazole	17.904	167	5402100	38.481	ng		99
74) Di-n-butylphthalate	18.422	149	6789366	41.803	ng		99
75) Fluoranthene	19.492	202	6382274	36.567	ng		98
77) Benzidine	19.686	184	3318779	91.725	ng		99
78) Pyrene	19.845	202	6457670	46.161	ng		99
80) Butylbenzylphthalate	20.710	149	2825945	51.419	ng		98
81) Benzo(a)anthracene	21.569	228	5667138	40.473	ng		100
82) 3,3'-Dichlorobenzidine	21.504	252	1176490	25.596	ng	#	99
83) Chrysene	21.627	228	5207754	38.949	ng		100
84) Bis(2-ethylhexyl)phtha...	21.451	149	4077523	49.417	ng		99
85) Di-n-octyl phthalate	22.445	149	6502703	46.858	ng		99
87) Indeno(1,2,3-cd)pyrene	26.951	276	5357569	39.610	ng		96
88) Benzo(b)fluoranthene	23.369	252	5079593	43.679	ng		99
89) Benzo(k)fluoranthene	23.427	252	4923278	41.626	ng		99
90) Benzo(a)pyrene	24.063	252	4335234	38.486	ng		98
91) Dibenzo(a,h)anthracene	26.980	278	4442437	39.384	ng		97
92) Benzo(g,h,i)perylene	27.815	276	4285098	39.422	ng		97

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

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