Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015316.D
Acq On : 26 May 2023 19:06
Operator : CG/JU
Sample : 02945-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB17BMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 29 02:06:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:41:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	186645	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	685681	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	382163	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	784357	20.000	ng	0.00
76) Chrysene-d12	21.580	240	688263	20.000	ng	0.00
86) Perylene-d12	24.127	264	819261	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1277295	113.399	ng	0.00
7) Phenol-d6	7.263	99	1568251	106.241	ng	0.00
23) Nitrobenzene-d5	9.287	82	999421	71.167	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	540624	104.099	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	1968516	69.155	ng	0.00
79) Terphenyl-d14	20.033	244	2598543	71.016	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	225645	45.229	ng	97
3) Pyridine	3.875	79	566008	44.394	ng	98
4) n-Nitrosodimethylamine	3.781	42	288741	48.525	ng	98
6) Aniline	7.428	93	706414	37.863	ng	99
8) 2-Chlorophenol	7.663	128	582466	49.485	ng	98
9) Benzaldehyde	7.234	77	374391m	54.436	ng	
10) Phenol	7.287	94	725848	49.100	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	569874	45.990	ng	98
12) 1,3-Dichlorobenzene	7.993	146	642608	49.063	ng	99
13) 1,4-Dichlorobenzene	8.140	146	654642	49.655	ng	100
14) 1,2-Dichlorobenzene	8.463	146	626186	49.782	ng	99
15) Benzyl Alcohol	8.352	79	526056	51.058	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.634	45	774866m	48.495	ng	
17) 2-Methylphenol	8.552	107	476373	45.280	ng	96
18) Hexachloroethane	9.199	117	248648	50.042	ng	96
19) n-Nitroso-di-n-propyla...	8.922	70	429448	45.457	ng	99
20) 3+4-Methylphenols	8.881	107	644852	45.371	ng	99
22) Acetophenone	8.940	105	856288	48.080	ng	99
24) Nitrobenzene	9.328	77	654448	46.802	ng	98
25) Isophorone	9.857	82	1169688	46.413	ng	99
26) 2-Nitrophenol	10.040	139	307224	50.056	ng	99
27) 2,4-Dimethylphenol	10.099	122	507748	49.344	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	735036	47.323	ng	99
29) 2,4-Dichlorophenol	10.581	162	516065	48.370	ng	99
30) 1,2,4-Trichlorobenzene	10.793	180	570812	47.964	ng	98
31) Naphthalene	10.987	128	1666198	46.141	ng	99
32) Benzoic acid	10.240	122	370514	45.791	ng	97
33) 4-Chloroaniline	11.099	127	257382	17.240	ng	99
34) Hexachlorobutadiene	11.263	225	352794	46.788	ng	98
35) Caprolactam	11.887	113	158862	48.501	ng	98
36) 4-Chloro-3-methylphenol	12.210	107	550604	47.466	ng	98
37) 2-Methylnaphthalene	12.587	142	1114932	43.441	ng	100
38) 1-Methylnaphthalene	12.804	142	1045231	43.649	ng	99
40) 1,2,4,5-Tetrachloroben...	12.951	216	602394	48.039	ng	99
41) Hexachlorocyclopentadiene	12.922	237	763803	114.998	ng	100
43) 2,4,6-Trichlorophenol	13.187	196	400389	49.191	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	436799	45.649	ng	98
46) 1,1'-Biphenyl	13.587	154	1447222	47.795	ng	100
47) 2-Chloronaphthalene	13.628	162	1103284	48.301	ng	100
48) 2-Nitroaniline	13.834	65	347993	49.872	ng	95
49) Acenaphthylene	14.475	152	1727688	47.271	ng	100
50) Dimethylphthalate	14.204	163	1385962	46.356	ng	99
51) 2,6-Dinitrotoluene	14.328	165	305970	48.471	ng	97
52) Acenaphthene	14.810	154	1018148	46.771	ng	98
53) 3-Nitroaniline	14.657	138	174783	27.091	ng	100
54) 2,4-Dinitrophenol	14.863	184	353580	83.028	ng	99
55) Dibenzofuran	15.145	168	1629126	45.749	ng	98
56) 4-Nitrophenol	14.963	139	521381	91.469	ng	92
57) 2,4-Dinitrotoluene	15.110	165	409121	49.292	ng	98
58) Fluorene	15.798	166	1266026	46.031	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.369	232	367898	48.074	ng	99
60) Diethylphthalate	15.557	149	1365864	45.859	ng	100
61) 4-Chlorophenyl-phenyle...	15.787	204	644122	45.739	ng	98
62) 4-Nitroaniline	15.822	138	287266	41.726	ng	98
63) Azobenzene	16.081	77	1518858	53.456	ng	98
65) 4,6-Dinitro-2-methylph...	15.875	198	234303	49.181	ng	95
66) n-Nitrosodiphenylamine	15.998	169	1107782	47.397	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	393263	46.369	ng	98
68) Hexachlorobenzene	16.804	284	450950	48.282	ng	97
69) Atrazine	16.951	200	416713	55.838	ng	98
70) Pentachlorophenol	17.145	266	569669	89.002	ng	100
71) Phenanthrene	17.545	178	1966843	47.049	ng	99
72) Anthracene	17.633	178	1984263	47.394	ng	100
73) Carbazole	17.904	167	1821853	49.142	ng	99
74) Di-n-butylphthalate	18.433	149	2346149	49.278	ng	100
75) Fluoranthene	19.498	202	2277890	46.644	ng	99
77) Benzidine	19.669	184	1268341	116.374	ng	100
78) Pyrene	19.845	202	2352638	47.774	ng	99
80) Butylbenzylphthalate	20.704	149	1036965	49.689	ng	99
81) Benzo(a)anthracene	21.563	228	2210735	46.229	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	702205	47.541	ng	97
83) Chrysene	21.616	228	2065969	45.054	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1529212	49.753	ng	99
85) Di-n-octyl phthalate	22.433	149	2568297	49.394	ng	100
87) Indeno(1,2,3-cd)pyrene	26.839	276	3050680	51.375	ng	100
88) Benzo(b)fluoranthene	23.345	252	2361522	47.410	ng	100
89) Benzo(k)fluoranthene	23.398	252	2283330	45.522	ng	99
90) Benzo(a)pyrene	24.015	252	2115967	43.999	ng	100
91) Dibenzo(a,h)anthracene	26.851	278	2521195	51.700	ng	98
92) Benzo(g,h,i)perylene	27.668	276	2575952	51.987	ng	99

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

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