Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
Data File : BP013830.D
Acq On : 16 Feb 2023 16:24
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP021623

Quant Time: Feb 17 01:11:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 01:08:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	172799	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	661282	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	424146	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	925996	20.000	ng		0.00
76) Chrysene-d12	21.580	240	968895	20.000	ng		0.00
86) Perylene-d12	24.139	264	1122422	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.646	112	828517	79.022	ng		0.00
7) Phenol-d6	7.263	99	1109620	82.635	ng		0.00
23) Nitrobenzene-d5	9.293	82	1083826	88.505	ng		0.00
42) 2,4,6-Tribromophenol	16.239	330	538799	87.267	ng		0.00
45) 2-Fluorobiphenyl	13.375	172	2608817	80.788	ng		0.00
79) Terphenyl-d14	20.033	244	4246160	84.319	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.499	88	182816	40.116	ng		99
3) Pyridine	3.917	79	514957	41.917	ng		99
4) n-Nitrosodimethylamine	3.822	42	194496	42.246	ng		97
6) Aniline	7.434	93	732007	41.955	ng		99
8) 2-Chlorophenol	7.675	128	461056	41.690	ng		98
9) Benzaldehyde	7.246	77	251581	39.380	ng		97
10) Phenol	7.293	94	580472	41.531	ng		99
11) bis(2-Chloroethyl)ether	7.528	93	464140	41.494	ng		98
12) 1,3-Dichlorobenzene	8.005	146	510083	41.019	ng		100
13) 1,4-Dichlorobenzene	8.152	146	513193	40.855	ng		97
14) 1,2-Dichlorobenzene	8.475	146	491399	41.908	ng		99
15) Benzyl Alcohol	8.358	79	434327	46.101	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.646	45	517193m	43.285	ng		
17) 2-Methylphenol	8.557	107	426823	44.875	ng		99
18) Hexachloroethane	9.210	117	184265	41.878	ng		97
19) n-Nitroso-di-n-propyla...	8.928	70	373518	47.526	ng		99
20) 3+4-Methylphenols	8.887	107	583521	45.582	ng		100
22) Acetophenone	8.946	105	731998	43.886	ng	#	99
24) Nitrobenzene	9.334	77	557015	43.587	ng		98
25) Isophorone	9.863	82	1051603	44.562	ng		100
26) 2-Nitrophenol	10.046	139	253142	42.381	ng		97
27) 2,4-Dimethylphenol	10.099	122	436309	44.209	ng		99
28) bis(2-Chloroethoxy)met...	10.340	93	636359	42.242	ng		99
29) 2,4-Dichlorophenol	10.581	162	468380	44.234	ng		98
30) 1,2,4-Trichlorobenzene	10.799	180	506380	40.754	ng		100
31) Naphthalene	10.993	128	1476999	40.738	ng		100
32) Benzoic acid	10.240	122	321258	41.992	ng		97
33) 4-Chloroaniline	11.099	127	661463	43.449	ng		99
34) Hexachlorobutadiene	11.275	225	338771	41.028	ng		99
35) Caprolactam	11.893	113	151316	44.759	ng		98
36) 4-Chloro-3-methylphenol	12.210	107	522172	44.256	ng		98
37) 2-Methylnaphthalene	12.587	142	1087388	41.433	ng		100
38) 1-Methylnaphthalene	12.804	142	1019666	41.513	ng		100
40) 1,2,4,5-Tetrachloroben...	12.951	216	624833	40.848	ng		99
41) Hexachlorocyclopentadiene	12.928	237	357421	43.990	ng		97
43) 2,4,6-Trichlorophenol	13.187	196	415063	43.376	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	495989	43.611	ng	98
46) 1,1'-Biphenyl	13.587	154	1370540	39.979	ng	99
47) 2-Chloronaphthalene	13.634	162	1053331	40.330	ng	99
48) 2-Nitroaniline	13.834	65	304678	41.538	ng	98
49) Acenaphthylene	14.475	152	1725346	41.907	ng	100
50) Dimethylphthalate	14.204	163	1444474	41.852	ng	100
51) 2,6-Dinitrotoluene	14.322	165	313041	41.756	ng	98
52) Acenaphthene	14.816	154	1022930	40.831	ng	99
53) 3-Nitroaniline	14.657	138	325570	41.737	ng	97
54) 2,4-Dinitrophenol	14.857	184	194001	41.794	ng	97
55) Dibenzofuran	15.145	168	1709403	41.007	ng	99
56) 4-Nitrophenol	14.951	139	263615	42.729	ng	98
57) 2,4-Dinitrotoluene	15.110	165	421923	41.857	ng	98
58) Fluorene	15.798	166	1335805	40.869	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.369	232	417966	42.690	ng	99
60) Diethylphthalate	15.563	149	1436068	42.670	ng	100
61) 4-Chlorophenyl-phenyle...	15.787	204	731744	41.319	ng	99
62) 4-Nitroaniline	15.822	138	330603	41.304	ng	100
63) Azobenzene	16.081	77	1298945	42.659	ng	99
65) 4,6-Dinitro-2-methylph...	15.869	198	271990	42.260	ng	97
66) n-Nitrosodiphenylamine	16.004	169	1202201	42.862	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	461186	42.196	ng	96
68) Hexachlorobenzene	16.804	284	498167	41.755	ng	99
69) Atrazine	16.951	200	420886	44.012	ng	99
70) Pentachlorophenol	17.145	266	395332	44.944	ng	98
71) Phenanthrene	17.545	178	2096809	40.420	ng	100
72) Anthracene	17.639	178	2162700	41.694	ng	99
73) Carbazole	17.904	167	1928776	41.303	ng	100
74) Di-n-butylphthalate	18.433	149	2440089	44.598	ng	99
75) Fluoranthene	19.498	202	2684315	41.508	ng	99
77) Benzidine	19.669	184	795206	40.534	ng	99
78) Pyrene	19.851	202	2802470	42.326	ng	99
80) Butylbenzylphthalate	20.704	149	1042207	44.287	ng	97
81) Benzo(a)anthracene	21.563	228	2870066	41.366	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	961584	44.052	ng	100
83) Chrysene	21.622	228	2739732	40.762	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1635319	44.572	ng	99
85) Di-n-octyl phthalate	22.433	149	2832563	43.327	ng	100
87) Indeno(1,2,3-cd)pyrene	26.833	276	3632198	41.599	ng	99
88) Benzo(b)fluoranthene	23.351	252	2905867	40.935	ng	99
89) Benzo(k)fluoranthene	23.404	252	2964214	41.136	ng	99
90) Benzo(a)pyrene	24.021	252	2865668	41.756	ng	99
91) Dibenzo(a,h)anthracene	26.857	278	3031772	41.443	ng	99
92) Benzo(g,h,i)perylene	27.668	276	3005110	41.543	ng	98

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

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