Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013920.D
Acq On : 02 Mar 2023 13:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 02 16:01:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 02 04:26:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	95811	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	347190	20.000	ng	#	0.00
39) Acenaphthene-d10	14.733	164	240178	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	567774	20.000	ng		0.00
76) Chrysene-d12	21.568	240	590540	20.000	ng		0.00
86) Perylene-d12	24.115	264	697361	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	492324	84.688	ng		0.00
7) Phenol-d6	7.246	99	648080	87.045	ng		0.00
23) Nitrobenzene-d5	9.269	82	621859	96.720	ng		0.00
42) 2,4,6-Tribromophenol	16.227	330	326293	93.328	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	1472766	80.542	ng		0.00
79) Terphenyl-d14	20.021	244	2664724	86.817	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.481	88	97633	38.639	ng		98
3) Pyridine	3.899	79	272218	39.963	ng		98
4) n-Nitrosodimethylamine	3.805	42	124455	48.754	ng		82
6) Aniline	7.416	93	421198	43.539	ng		97
8) 2-Chlorophenol	7.657	128	257910	42.060	ng		99
9) Benzaldehyde	7.228	77	158591	44.772	ng		92
10) Phenol	7.275	94	337668	43.572	ng		90
11) bis(2-Chloroethyl)ether	7.510	93	262889	42.387	ng		96
12) 1,3-Dichlorobenzene	7.981	146	276506	40.103	ng		97
13) 1,4-Dichlorobenzene	8.128	146	283308	40.677	ng		99
14) 1,2-Dichlorobenzene	8.451	146	271740	41.797	ng		98
15) Benzyl Alcohol	8.334	79	260921	49.950	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.628	45	279528	42.193	ng		98
17) 2-Methylphenol	8.540	107	239965	45.502	ng		94
18) Hexachloroethane	9.187	117	99421	40.752	ng		96
19) n-Nitroso-di-n-propyla...	8.904	70	211949	48.639	ng		95
20) 3+4-Methylphenols	8.869	107	324643	45.737	ng		97
22) Acetophenone	8.928	105	408279	46.623	ng		96
24) Nitrobenzene	9.310	77	323970	48.286	ng		96
25) Isophorone	9.840	82	590411	47.652	ng		98
26) 2-Nitrophenol	10.028	139	140270	44.575	ng	#	90
27) 2,4-Dimethylphenol	10.081	122	229862	44.361	ng		97
28) bis(2-Chloroethoxy)met...	10.316	93	330623	41.802	ng		99
29) 2,4-Dichlorophenol	10.563	162	254773	45.828	ng		97
30) 1,2,4-Trichlorobenzene	10.781	180	279987	42.919	ng		99
31) Naphthalene	10.975	128	789465	41.474	ng		98
32) Benzoic acid	10.216	122	162391	40.618	ng		90
33) 4-Chloroaniline	11.081	127	350906	43.902	ng		96
34) Hexachlorobutadiene	11.251	225	203971	47.050	ng		99
35) Caprolactam	11.875	113	78547	44.253	ng		95
36) 4-Chloro-3-methylphenol	12.192	107	296031	47.787	ng		94
37) 2-Methylnaphthalene	12.569	142	592667	43.012	ng		97
38) 1-Methylnaphthalene	12.786	142	561588	43.548	ng		99
40) 1,2,4,5-Tetrachloroben...	12.933	216	359102	41.458	ng		99
41) Hexachlorocyclopentadiene	12.910	237	175018	38.040	ng		98
43) 2,4,6-Trichlorophenol	13.169	196	239064	44.120	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	283696	44.052	ng		98
46) 1,1'-Biphenyl	13.569	154	772392	39.788	ng		98
47) 2-Chloronaphthalene	13.616	162	593675	40.141	ng		99
48) 2-Nitroaniline	13.816	65	190465	45.521	ng		94
49) Acenaphthylene	14.457	152	997511	42.787	ng		100
50) Dimethylphthalate	14.186	163	829095	42.422	ng		99
51) 2,6-Dinitrotoluene	14.310	165	178254	41.978	ng		94
52) Acenaphthene	14.798	154	617440	43.523	ng		99
53) 3-Nitroaniline	14.639	138	184819	41.836	ng		93
54) 2,4-Dinitrophenol	14.845	184	100567	38.706	ng		90
55) Dibenzofuran	15.133	168	984137	41.692	ng		96
56) 4-Nitrophenol	14.939	139	146674	41.985	ng	#	77
57) 2,4-Dinitrotoluene	15.092	165	245500	42.947	ng		90
58) Fluorene	15.780	166	773663	41.801	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.357	232	241600	43.578	ng		97
60) Diethylphthalate	15.545	149	829715	43.537	ng		98
61) 4-Chlorophenyl-phenyle...	15.769	204	422237	42.105	ng		95
62) 4-Nitroaniline	15.804	138	188642	41.600	ng	#	82
63) Azobenzene	16.063	77	785124	45.535	ng		96
65) 4,6-Dinitro-2-methylph...	15.857	198	149916	38.457	ng		94
66) n-Nitrosodiphenylamine	15.986	169	696039	40.473	ng		99
67) 4-Bromophenyl-phenylether	16.669	248	280326	41.830	ng		97
68) Hexachlorobenzene	16.786	284	304229	41.588	ng		96
69) Atrazine	16.933	200	249091	42.482	ng		98
70) Pentachlorophenol	17.133	266	245898	45.593	ng		97
71) Phenanthrene	17.533	178	1284287	40.377	ng		100
72) Anthracene	17.621	178	1322414	41.579	ng		99
73) Carbazole	17.892	167	1173454	40.983	ng		99
74) Di-n-butylphthalate	18.421	149	1407792	41.965	ng		99
75) Fluoranthene	19.486	202	1635594	41.249	ng		98
77) Benzidine	19.657	184	587813	48.673	ng		100
78) Pyrene	19.833	202	1731700	42.911	ng		100
80) Butylbenzylphthalate	20.692	149	684846	47.747	ng		99
81) Benzo(a)anthracene	21.551	228	1790850	42.349	ng		100
82) 3,3'-Dichlorobenzidine	21.474	252	601204	45.189	ng		100
83) Chrysene	21.609	228	1701978	41.546	ng		100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1028264	45.982	ng		100
85) Di-n-octyl phthalate	22.421	149	1832735	45.994	ng		98
87) Indeno(1,2,3-cd)pyrene	26.803	276	2265472	41.761	ng		96
88) Benzo(b)fluoranthene	23.333	252	1861990	42.218	ng		99
89) Benzo(k)fluoranthene	23.386	252	1895067	42.329	ng		99
90) Benzo(a)pyrene	24.003	252	1800952	42.237	ng		99
91) Dibenzo(a,h)anthracene	26.821	278	1891704	41.620	ng		98
92) Benzo(g,h,i)perylene	27.639	276	1872945	41.673	ng		96

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

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