Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020924\
Data File : BP019624.D
Acq On : 09 Feb 2024 10:32
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Feb 09 11:38:46 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 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	98776	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	356793	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	219198	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	477069	20.000	ng		0.00
76) Chrysene-d12	21.398	240	468673	20.000	ng		0.00
86) Perylene-d12	23.821	264	573868	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	476823	77.813	ng		0.00
7) Phenol-d6	7.087	99	634548	76.798	ng		0.00
23) Nitrobenzene-d5	9.081	82	636052	77.247	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	283089	88.453	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1368479	77.179	ng		0.00
79) Terphenyl-d14	19.869	244	2247175	78.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	87355	37.000	ng		98
3) Pyridine	3.781	79	237117	37.045	ng		97
4) n-Nitrosodimethylamine	3.705	42	104742	37.586	ng		98
6) Aniline	7.246	93	302527	37.681	ng		98
8) 2-Chlorophenol	7.475	128	243129	38.645	ng		99
9) Benzaldehyde	7.058	77	249638m	43.093	ng		
10) Phenol	7.111	94	312580	37.957	ng		98
11) bis(2-Chloroethyl)ether	7.346	93	241380	37.675	ng		99
12) 1,3-Dichlorobenzene	7.799	146	299667	38.927	ng		98
13) 1,4-Dichlorobenzene	7.946	146	304391	39.028	ng		98
14) 1,2-Dichlorobenzene	8.258	146	290094	38.443	ng		99
15) Benzyl Alcohol	8.158	79	245497	37.186	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.446	45	233606m	36.462	ng		
17) 2-Methylphenol	8.363	107	211178	38.090	ng		96
18) Hexachloroethane	8.981	117	116146	38.420	ng		96
19) n-Nitroso-di-n-propyla...	8.728	70	197334	34.965	ng		99
20) 3+4-Methylphenols	8.693	107	284881	37.650	ng		98
22) Acetophenone	8.746	105	389169	38.287	ng	#	96
24) Nitrobenzene	9.122	77	316515	38.178	ng		99
25) Isophorone	9.652	82	538162	37.529	ng		99
26) 2-Nitrophenol	9.828	139	132601	41.948	ng		97
27) 2,4-Dimethylphenol	9.893	122	155694	38.518	ng		98
28) bis(2-Chloroethoxy)met...	10.140	93	310187	38.231	ng		99
29) 2,4-Dichlorophenol	10.363	162	242661	39.714	ng		97
30) 1,2,4-Trichlorobenzene	10.575	180	299220	39.939	ng		99
31) Naphthalene	10.763	128	748976	38.275	ng		99
32) Benzoic acid	10.040	122	162562	41.278	ng		98
33) 4-Chloroaniline	10.881	127	273366	37.775	ng		99
34) Hexachlorobutadiene	11.034	225	226847	40.860	ng		98
35) Caprolactam	11.681	113	67593	39.076	ng		99
36) 4-Chloro-3-methylphenol	12.004	107	255728	38.383	ng		99
37) 2-Methylnaphthalene	12.375	142	512395	37.837	ng		99
38) 1-Methylnaphthalene	12.593	142	504509	37.910	ng		99
40) 1,2,4,5-Tetrachloroben...	12.734	216	336530	39.809	ng		99
41) Hexachlorocyclopentadiene	12.704	237	169164	44.296	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	205533	40.152	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	226045	40.215	ng	99
46) 1,1'-Biphenyl	13.387	154	664924	38.007	ng	99
47) 2-Chloronaphthalene	13.428	162	548626	38.202	ng	99
48) 2-Nitroaniline	13.640	65	156847	39.058	ng	96
49) Acenaphthylene	14.269	152	770701	38.251	ng	100
50) Dimethylphthalate	14.016	163	652050	38.858	ng	98
51) 2,6-Dinitrotoluene	14.140	165	147692	40.060	ng	96
52) Acenaphthene	14.610	154	476966	38.142	ng	98
53) 3-Nitroaniline	14.469	138	136741	40.359	ng	99
54) 2,4-Dinitrophenol	14.681	184	84602	44.197	ng	95
55) Dibenzofuran	14.951	168	770924	37.851	ng	98
56) 4-Nitrophenol	14.775	139	117489	42.307	ng	99
57) 2,4-Dinitrotoluene	14.928	165	205667	42.570	ng	98
58) Fluorene	15.598	166	625099	38.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	196207	41.499	ng	97
60) Diethylphthalate	15.381	149	658231	39.437	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	359635	39.444	ng	97
62) 4-Nitroaniline	15.628	138	147358	41.493	ng	99
63) Azobenzene	15.887	77	599549	37.147	ng	98
65) 4,6-Dinitro-2-methylph...	15.687	198	123028	45.226	ng	99
66) n-Nitrosodiphenylamine	15.816	169	532358	37.260	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	231395	38.799	ng	96
68) Hexachlorobenzene	16.598	284	272317	39.100	ng	96
69) Atrazine	16.775	200	188818	39.825	ng	96
70) Pentachlorophenol	16.945	266	187022	43.121	ng	99
71) Phenanthrene	17.345	178	955641	38.063	ng	99
72) Anthracene	17.439	178	956291	38.183	ng	99
73) Carbazole	17.716	167	907816	39.900	ng	99
74) Di-n-butylphthalate	18.269	149	1127900	40.999	ng	99
75) Fluoranthene	19.316	202	1233110	40.205	ng	99
77) Benzidine	19.498	184	358226	36.560	ng	99
78) Pyrene	19.669	202	1249274	37.769	ng	100
80) Butylbenzylphthalate	20.551	149	502765	40.702	ng	100
81) Benzo(a)anthracene	21.380	228	1265034	38.345	ng	99
82) 3,3'-Dichlorobenzidine	21.316	252	479089	39.851	ng	98
83) Chrysene	21.433	228	1186873	37.893	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	730341	38.828	ng	99
85) Di-n-octyl phthalate	22.269	149	1284401	38.810	ng	100
87) Indeno(1,2,3-cd)pyrene	26.368	276	1654590	37.666	ng	99
88) Benzo(b)fluoranthene	23.080	252	1396448	38.610	ng	99
89) Benzo(k)fluoranthene	23.133	252	1286072	37.224	ng	99
90) Benzo(a)pyrene	23.716	252	1223496	38.019	ng	100
91) Dibenzo(a,h)anthracene	26.392	278	1377514	38.128	ng	98
92) Benzo(g,h,i)perylene	27.145	276	1377030	37.570	ng	99

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

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