Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021925\
Data File : BP024092.D
Acq On : 19 Feb 2025 09:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Feb 19 11:08:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	466734	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1968476	20.000	ng		0.00
39) Acenaphthene-d10	14.387	164	1133802	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1960928	20.000	ng		0.00
76) Chrysene-d12	21.633	240	1827208	20.000	ng		-0.01
86) Perylene-d12	24.998	264	1741827	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2387203	79.808	ng		0.00
7) Phenol-d6	6.940	99	3235599	84.162	ng		0.00
23) Nitrobenzene-d5	8.910	82	2842250	80.553	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1077199	77.564	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	6434765	79.342	ng		0.00
79) Terphenyl-d14	19.916	244	7853048	85.043	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	435703	37.132	ng		100
3) Pyridine	3.705	79	1241790m	40.705	ng		
4) n-Nitrosodimethylamine	3.617	42	441481	40.797	ng		98
6) Aniline	7.099	93	1516719	43.079	ng		99
8) 2-Chlorophenol	7.334	128	1300051	41.063	ng		99
9) Benzaldehyde	6.911	77	681477	38.826	ng		99
10) Phenol	6.969	94	1613080	41.726	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	1264173	41.518	ng		98
12) 1,3-Dichlorobenzene	7.646	146	1368496	39.346	ng		98
13) 1,4-Dichlorobenzene	7.793	146	1412838	40.167	ng		99
14) 1,2-Dichlorobenzene	8.110	146	1352149	40.056	ng		99
15) Benzyl Alcohol	7.999	79	1028786	43.717	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1275797	43.162	ng		99
17) 2-Methylphenol	8.199	107	1027325	43.607	ng		100
18) Hexachloroethane	8.828	117	510794	40.323	ng		98
19) n-Nitroso-di-n-propyla...	8.558	70	955908	46.245	ng		99
20) 3+4-Methylphenols	8.522	107	1410093	43.998	ng		99
22) Acetophenone	8.575	105	1995165	39.442	ng	#	100
24) Nitrobenzene	8.952	77	1396223	40.208	ng		100
25) Isophorone	9.475	82	2415560	41.864	ng		99
26) 2-Nitrophenol	9.652	139	663794	41.491	ng		100
27) 2,4-Dimethylphenol	9.716	122	848364	40.397	ng		98
28) bis(2-Chloroethoxy)met...	9.952	93	1689452	40.418	ng		99
29) 2,4-Dichlorophenol	10.193	162	1166925	40.717	ng		99
30) 1,2,4-Trichlorobenzene	10.399	180	1270692	38.698	ng		100
31) Naphthalene	10.587	128	4182254	39.513	ng		99
32) Benzoic acid	9.869	122	782014	37.442	ng		99
33) 4-Chloroaniline	10.693	127	1517408	40.694	ng		99
34) Hexachlorobutadiene	10.875	225	724652	38.101	ng		99
35) Caprolactam	11.487	113	352593	37.859	ng		92
36) 4-Chloro-3-methylphenol	11.828	107	1230557	41.768	ng		98
37) 2-Methylnaphthalene	12.198	142	2801896	39.828	ng		99
38) 1-Methylnaphthalene	12.416	142	2704202	39.513	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	1338401	38.419	ng		99
41) Hexachlorocyclopentadiene	12.551	237	506624	39.082	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	845400	39.792	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	925681	39.840	ng	100
46) 1,1'-Biphenyl	13.210	154	3474491	39.436	ng	99
47) 2-Chloronaphthalene	13.251	162	2607596	39.152	ng	99
48) 2-Nitroaniline	13.457	65	669553	42.558	ng	98
49) Acenaphthylene	14.104	152	3954287	40.298	ng	100
50) Dimethylphthalate	13.845	163	3081694	38.532	ng	100
51) 2,6-Dinitrotoluene	13.963	165	645276	39.608	ng	98
52) Acenaphthene	14.451	154	2501461	39.587	ng	99
53) 3-Nitroaniline	14.293	138	697425	40.118	ng	99
54) 2,4-Dinitrophenol	14.498	184	326265	35.202	ng	97
55) Dibenzofuran	14.792	168	3989606	38.865	ng	100
56) 4-Nitrophenol	14.616	139	561767	37.409	ng	98
57) 2,4-Dinitrotoluene	14.757	165	846714	40.009	ng	99
58) Fluorene	15.451	166	3167210	39.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	772615	38.327	ng	99
60) Diethylphthalate	15.222	149	3068299	38.648	ng	98
61) 4-Chlorophenyl-phenyle...	15.440	204	1541386	39.062	ng	98
62) 4-Nitroaniline	15.469	138	713142	35.564	ng	97
63) Azobenzene	15.739	77	3072512	41.300	ng	98
65) 4,6-Dinitro-2-methylph...	15.540	198	440044	36.570	ng	99
66) n-Nitrosodiphenylamine	15.663	169	2522535	41.251	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	889300	40.385	ng	98
68) Hexachlorobenzene	16.481	284	1005645	38.812	ng	99
69) Atrazine	16.645	200	615843	39.243	ng	99
70) Pentachlorophenol	16.834	266	651165	38.694	ng	99
71) Phenanthrene	17.239	178	4380427	39.622	ng	100
72) Anthracene	17.334	178	4254833	40.161	ng	99
73) Carbazole	17.616	167	3951205	39.144	ng	100
74) Di-n-butylphthalate	18.210	149	4731591	40.173	ng	100
75) Fluoranthene	19.322	202	4729490	37.822	ng	99
77) Benzidine	19.516	184	1326184	59.562	ng	100
78) Pyrene	19.698	202	4919504	42.386	ng	100
80) Butylbenzylphthalate	20.651	149	1862816	41.885	ng	95
81) Benzo(a)anthracene	21.616	228	4536294	39.592	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	1437258	40.144	ng	99
83) Chrysene	21.680	228	4319735	39.099	ng	100
84) Bis(2-ethylhexyl)phtha...	21.557	149	2903311	43.048	ng	100
85) Di-n-octyl phthalate	22.851	149	4265047	39.564	ng	100
87) Indeno(1,2,3-cd)pyrene	28.833	276	4989817	40.268	ng	99
88) Benzo(b)fluoranthene	23.945	252	4444160	40.178	ng	100
89) Benzo(k)fluoranthene	24.004	252	4518995	41.973	ng	99
90) Benzo(a)pyrene	24.845	252	3815253	40.644	ng	99
91) Dibenzo(a,h)anthracene	28.915	278	4199819	40.309	ng	99
92) Benzo(g,h,i)perylene	30.033	276	4201827	39.742	ng	100

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

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