Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024304.D
Acq On : 16 Apr 2025 09:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 16 10:58:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	273289	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	1112648	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	684984	20.000	ng	-0.01
64) Phenanthrene-d10	17.163	188	1326066	20.000	ng	-0.02
76) Chrysene-d12	21.622	240	1395752	20.000	ng	0.00
86) Perylene-d12	24.980	264	1605776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1309855	79.249	ng	0.00
7) Phenol-d6	6.911	99	1742530	76.994	ng	0.00
23) Nitrobenzene-d5	8.875	82	1583125	81.132	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	724472	76.444	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	3480531	77.799	ng	-0.01
79) Terphenyl-d14	19.898	244	5397861	77.952	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	280690	40.149	ng	99
3) Pyridine	3.687	79	690618	37.410	ng	98
4) n-Nitrosodimethylamine	3.593	42	247123	40.335	ng	95
6) Aniline	7.064	93	788242	38.976	ng	100
8) 2-Chlorophenol	7.299	128	710664	38.511	ng	99
9) Benzaldehyde	6.881	77	937148	83.710	ng	99
10) Phenol	6.934	94	878499	38.695	ng	97
11) bis(2-Chloroethyl)ether	7.158	93	700888	38.316	ng	99
12) 1,3-Dichlorobenzene	7.616	146	764077	38.460	ng	100
13) 1,4-Dichlorobenzene	7.763	146	774220	38.409	ng	100
14) 1,2-Dichlorobenzene	8.075	146	738672	37.950	ng	99
15) Benzyl Alcohol	7.963	79	579983	39.627	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.246	45	766614	38.773	ng	99
17) 2-Methylphenol	8.169	107	567188	38.619	ng	99
18) Hexachloroethane	8.793	117	287766	39.503	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	531778	37.980	ng	99
20) 3+4-Methylphenols	8.493	107	788093	38.673	ng	100
22) Acetophenone	8.540	105	1076855	39.103	ng	99
24) Nitrobenzene	8.916	77	772482	40.018	ng	99
25) Isophorone	9.434	82	1375042	38.931	ng	100
26) 2-Nitrophenol	9.616	139	383457	40.593	ng	98
27) 2,4-Dimethylphenol	9.681	122	472990	39.877	ng	99
28) bis(2-Chloroethoxy)met...	9.910	93	945045	39.608	ng	100
29) 2,4-Dichlorophenol	10.152	162	648273	40.084	ng	98
30) 1,2,4-Trichlorobenzene	10.363	180	686736	39.632	ng	100
31) Naphthalene	10.552	128	2286441	39.011	ng	100
32) Benzoic acid	9.828	122	509423	36.859	ng	97
33) 4-Chloroaniline	10.657	127	821488	39.801	ng	100
34) Hexachlorobutadiene	10.834	225	407618	40.032	ng	99
35) Caprolactam	11.452	113	225091	37.720	ng	98
36) 4-Chloro-3-methylphenol	11.787	107	741102	39.342	ng	98
37) 2-Methylnaphthalene	12.157	142	1561603	38.418	ng	99
38) 1-Methylnaphthalene	12.381	142	1526243	38.382	ng	99
40) 1,2,4,5-Tetrachloroben...	12.534	216	758053	40.242	ng	99
41) Hexachlorocyclopentadiene	12.510	237	278520	41.806	ng	98
43) 2,4,6-Trichlorophenol	12.775	196	505554	40.367	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	552625	39.847	ng	99
46) 1,1'-Biphenyl	13.181	154	1970817	39.142	ng	99
47) 2-Chloronaphthalene	13.222	162	1476233	39.229	ng	99
48) 2-Nitroaniline	13.428	65	428269	40.573	ng	95
49) Acenaphthylene	14.075	152	2318531	39.133	ng	100
50) Dimethylphthalate	13.810	163	1894273	38.027	ng	99
51) 2,6-Dinitrotoluene	13.928	165	415939	39.322	ng	96
52) Acenaphthene	14.428	154	1448088	38.553	ng	100
53) 3-Nitroaniline	14.263	138	444273	39.962	ng	99
54) 2,4-Dinitrophenol	14.475	184	212415	34.091	ng	94
55) Dibenzofuran	14.769	168	2342583	38.155	ng	100
56) 4-Nitrophenol	14.593	139	384396	40.035	ng	98
57) 2,4-Dinitrotoluene	14.728	165	573535	39.748	ng	99
58) Fluorene	15.428	166	1815901	38.207	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	489728	38.286	ng	98
60) Diethylphthalate	15.198	149	1975103	38.476	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	885891	38.384	ng	99
62) 4-Nitroaniline	15.451	138	463166	39.355	ng	96
63) Azobenzene	15.728	77	1856240	39.342	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	301302	36.039	ng	94
66) n-Nitrosodiphenylamine	15.645	169	1541168	38.938	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	569742	39.285	ng	98
68) Hexachlorobenzene	16.451	284	663902	38.524	ng	96
69) Atrazine	16.622	200	503679	49.965	ng	99
70) Pentachlorophenol	16.804	266	479239	39.862	ng	98
71) Phenanthrene	17.210	178	2769989	38.291	ng	99
72) Anthracene	17.304	178	2737408	39.262	ng	99
73) Carbazole	17.587	167	2641410	38.774	ng	100
74) Di-n-butylphthalate	18.175	149	3457295	40.735	ng	100
75) Fluoranthene	19.298	202	3337866	38.796	ng	100
77) Benzidine	19.498	184	795351	44.955	ng	99
78) Pyrene	19.675	202	3471525	39.137	ng	99
80) Butylbenzylphthalate	20.628	149	1588223	41.803	ng	98
81) Benzo(a)anthracene	21.604	228	3384340	39.011	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	1213910	39.866	ng	99
83) Chrysene	21.669	228	3250148	39.104	ng	99
84) Bis(2-ethylhexyl)phtha...	21.539	149	2398065	43.056	ng	99
85) Di-n-octyl phthalate	22.833	149	3916880	43.258	ng	100
87) Indeno(1,2,3-cd)pyrene	28.809	276	4418804	39.638	ng	99
88) Benzo(b)fluoranthene	23.927	252	3753122	38.993	ng	98
89) Benzo(k)fluoranthene	24.004	252	3674203	39.519	ng	99
90) Benzo(a)pyrene	24.839	252	3292674	39.658	ng	99
91) Dibenzo(a,h)anthracene	28.886	278	3674163	39.707	ng	98
92) Benzo(g,h,i)perylene	29.986	276	3699759	39.282	ng	98

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

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