Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024280.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Apr 14 17:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	277364	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1176925	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	760235	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1505097	20.000	ng		0.00
76) Chrysene-d12	21.616	240	1527193	20.000	ng		0.00
86) Perylene-d12	24.986	264	1706545	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1677842	99.834	ng		0.00
7) Phenol-d6	6.916	99	2353543	102.366	ng		0.00
23) Nitrobenzene-d5	8.881	82	2100100	101.588	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	1098486	105.521	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	4800845	95.877	ng		0.00
79) Terphenyl-d14	19.898	244	7671902	100.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	333474	46.479	ng		100
3) Pyridine	3.687	79	924382m	49.495	ng		
4) n-Nitrosodimethylamine	3.593	42	306279	49.180	ng		99
6) Aniline	7.075	93	972988	46.879	ng		100
8) 2-Chlorophenol	7.310	128	942078	50.160	ng		99
9) Benzaldehyde	6.887	77	507606	42.627	ng		97
10) Phenol	6.946	94	1177623	51.012	ng		99
11) bis(2-Chloroethyl)ether	7.163	93	915679	49.085	ng		100
12) 1,3-Dichlorobenzene	7.622	146	972089	47.770	ng		100
13) 1,4-Dichlorobenzene	7.769	146	995872	48.262	ng		99
14) 1,2-Dichlorobenzene	8.087	146	944314	47.327	ng		99
15) Benzyl Alcohol	7.975	79	791998	53.745	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	973910	47.988	ng		99
17) 2-Methylphenol	8.175	107	766536	51.526	ng		100
18) Hexachloroethane	8.805	117	360999	48.472	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	722064	50.562	ng		98
20) 3+4-Methylphenols	8.505	107	1086273	52.718	ng		99
22) Acetophenone	8.546	105	1441728	49.289	ng	#	99
24) Nitrobenzene	8.922	77	1025983	50.074	ng		99
25) Isophorone	9.446	82	1913172	51.264	ng		99
26) 2-Nitrophenol	9.622	139	541332	55.024	ng		98
27) 2,4-Dimethylphenol	9.687	122	662183	53.106	ng		99
28) bis(2-Chloroethoxy)met...	9.922	93	1265001	49.803	ng		100
29) 2,4-Dichlorophenol	10.157	162	904519	53.225	ng		100
30) 1,2,4-Trichlorobenzene	10.369	180	908732	49.426	ng		98
31) Naphthalene	10.557	128	3049887	48.957	ng		100
32) Benzoic acid	9.851	122	794832	58.988	ng		99
33) 4-Chloroaniline	10.669	127	1110772	51.030	ng		99
34) Hexachlorobutadiene	10.840	225	533336	49.450	ng		99
35) Caprolactam	11.463	113	339834	54.466	ng		100
36) 4-Chloro-3-methylphenol	11.798	107	1046795	52.860	ng		99
37) 2-Methylnaphthalene	12.169	142	2156247	49.942	ng		99
38) 1-Methylnaphthalene	12.393	142	2095184	49.538	ng		99
40) 1,2,4,5-Tetrachloroben...	12.540	216	1034638	49.522	ng		99
41) Hexachlorocyclopentadiene	12.522	237	378578	51.614	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	732902	53.315	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	814885	53.491	ng	98
46) 1,1'-Biphenyl	13.187	154	2725840	48.551	ng	99
47) 2-Chloronaphthalene	13.234	162	2062098	49.220	ng	100
48) 2-Nitroaniline	13.434	65	616599	53.282	ng	98
49) Acenaphthylene	14.081	152	3279666	49.877	ng	100
50) Dimethylphthalate	13.822	163	2775759	50.046	ng	100
51) 2,6-Dinitrotoluene	13.934	165	606525	51.903	ng	98
52) Acenaphthene	14.428	154	2054333	49.128	ng	100
53) 3-Nitroaniline	14.275	138	649071	53.536	ng	98
54) 2,4-Dinitrophenol	14.481	184	373165	59.640	ng	99
55) Dibenzofuran	14.769	168	3318798	48.392	ng	100
56) 4-Nitrophenol	14.592	139	581023	55.750	ng	97
57) 2,4-Dinitrotoluene	14.734	165	839701	53.160	ng	99
58) Fluorene	15.428	166	2599105	49.085	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	734741	52.128	ng	100
60) Diethylphthalate	15.204	149	2849294	49.914	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	1267291	49.287	ng	99
62) 4-Nitroaniline	15.451	138	691081	53.764	ng	96
63) Azobenzene	15.722	77	2632843	50.076	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	503765	57.285	ng	97
66) n-Nitrosodiphenylamine	15.645	169	2225475	49.312	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	827245	50.389	ng	99
68) Hexachlorobenzene	16.457	284	983768	50.405	ng	98
69) Atrazine	16.622	200	610479	53.356	ng	100
70) Pentachlorophenol	16.810	266	739779	55.203	ng	99
71) Phenanthrene	17.210	178	4024282	48.768	ng	100
72) Anthracene	17.298	178	3960913	49.883	ng	100
73) Carbazole	17.581	167	3814743	49.364	ng	100
74) Di-n-butylphthalate	18.180	149	4930617	51.208	ng	100
75) Fluoranthene	19.298	202	4815021	49.160	ng	99
77) Benzidine	19.498	184	1272924	67.525	ng	99
78) Pyrene	19.675	202	4942328	50.577	ng	100
80) Butylbenzylphthalate	20.627	149	2215843	53.788	ng	97
81) Benzo(a)anthracene	21.598	228	4711301	49.485	ng	99
82) 3,3'-Dichlorobenzidine	21.527	252	1768950	53.582	ng	99
83) Chrysene	21.669	228	4480150	49.099	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	3256722	53.679	ng	99
85) Di-n-octyl phthalate	22.821	149	5458484	56.166	ng	99
87) Indeno(1,2,3-cd)pyrene	28.792	276	5977144m	50.926	ng	
88) Benzo(b)fluoranthene	23.915	252	5102465	49.975	ng	99
89) Benzo(k)fluoranthene	23.986	252	4923203	49.683	ng	99
90) Benzo(a)pyrene	24.821	252	4490517	51.093	ng	100
91) Dibenzo(a,h)anthracene	28.880	278	4987219	51.084	ng	98
92) Benzo(g,h,i)perylene	29.980	276	5033807	50.656	ng	99

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

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