Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024552.D
Acq On : 06 May 2025 18:29
Operator : RC/JU
Sample : Q1956-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Quant Time: May 07 01:11:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	159404	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	649824	20.000	ng	-0.02
39) Acenaphthene-d10	14.340	164	418006	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	822120	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	922769	20.000	ng	# 0.00
86) Perylene-d12	24.916	264	1087018	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1016000	105.387	ng	-0.02
7) Phenol-d6	6.899	99	1316355	99.718	ng	-0.01
23) Nitrobenzene-d5	8.858	82	796746	69.913	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	724719	125.312	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1805561	66.136	ng	-0.01
79) Terphenyl-d14	19.863	244	2977081	65.029	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	148247	36.355	ng	# 94
3) Pyridine	3.670	79	385659	35.816	ng	92
4) n-Nitrosodimethylamine	3.576	42	173229	48.475	ng	# 73
6) Aniline	7.046	93	503110	42.651	ng	97
8) 2-Chlorophenol	7.281	128	500340	46.484	ng	99
9) Benzaldehyde	6.864	77	200907	30.767	ng	97
10) Phenol	6.922	94	603099	45.543	ng	91
11) bis(2-Chloroethyl)ether	7.140	93	438153	41.066	ng	100
12) 1,3-Dichlorobenzene	7.599	146	507292	43.778	ng	98
13) 1,4-Dichlorobenzene	7.740	146	513814	43.702	ng	98
14) 1,2-Dichlorobenzene	8.052	146	497348	43.807	ng	99
15) Benzyl Alcohol	7.952	79	410753	48.115	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	485081	42.062	ng	99
17) 2-Methylphenol	8.158	107	416235	48.589	ng	97
18) Hexachloroethane	8.775	117	190151	44.752	ng	96
19) n-Nitroso-di-n-propyla...	8.511	70	334606	40.972	ng	94
20) 3+4-Methylphenols	8.481	107	563187	47.381	ng	98
22) Acetophenone	8.522	105	701434	43.612	ng	# 96
24) Nitrobenzene	8.899	77	502929	44.611	ng	98
25) Isophorone	9.422	82	956187	46.354	ng	97
26) 2-Nitrophenol	9.599	139	271234	49.163	ng	95
27) 2,4-Dimethylphenol	9.669	122	471513	68.065	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	590120	42.348	ng	99
29) 2,4-Dichlorophenol	10.140	162	472467	50.021	ng	100
30) 1,2,4-Trichlorobenzene	10.346	180	465620	46.010	ng	99
31) Naphthalene	10.528	128	1474499	43.076	ng	99
32) Benzoic acid	9.828	122	323698	40.102	ng	95
33) 4-Chloroaniline	10.646	127	306313	25.411	ng	98
34) Hexachlorobutadiene	10.810	225	294643	49.546	ng	99
35) Caprolactam	11.446	113	164934	47.324	ng	93
36) 4-Chloro-3-methylphenol	11.781	107	538899	48.983	ng	99
37) 2-Methylnaphthalene	12.140	142	955540	40.251	ng	97
38) 1-Methylnaphthalene	12.363	142	1014735	43.694	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	534535	46.501	ng	99
41) Hexachlorocyclopentadiene	12.487	237	560872	137.957	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	383001	50.114	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024552.D
Acq On : 06 May 2025 18:29
Operator : RC/JU
Sample : Q1956-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Quant Time: May 07 01:11:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	426586	50.405	ng		99
46) 1,1'-Biphenyl	13.157	154	1361923	44.325	ng		98
47) 2-Chloronaphthalene	13.199	162	1051229	45.777	ng		98
48) 2-Nitroaniline	13.410	65	334963	52.001	ng		94
49) Acenaphthylene	14.057	152	1772177	49.016	ng		99
50) Dimethylphthalate	13.793	163	1379203	45.371	ng		99
51) 2,6-Dinitrotoluene	13.916	165	308388	47.775	ng		93
52) Acenaphthene	14.404	154	1009427	44.039	ng		99
53) 3-Nitroaniline	14.251	138	300781	44.335	ng		100
54) 2,4-Dinitrophenol	14.469	184	356916	93.869	ng		93
55) Dibenzofuran	14.746	168	1606452	42.877	ng		97
56) 4-Nitrophenol	14.593	139	576827	98.447	ng		90
57) 2,4-Dinitrotoluene	14.716	165	446655	50.725	ng		97
58) Fluorene	15.404	166	1303551	44.944	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	374808	48.017	ng	#	97
60) Diethylphthalate	15.175	149	1393842	44.495	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	640203	45.455	ng		96
62) 4-Nitroaniline	15.440	138	344101	47.912	ng		86
63) Azobenzene	15.698	77	1291393	44.852	ng		95
65) 4,6-Dinitro-2-methylph...	15.498	198	236969	45.719	ng		95
66) n-Nitrosodiphenylamine	15.616	169	1137293	46.348	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	442075	49.167	ng		99
68) Hexachlorobenzene	16.434	284	543514	50.871	ng		99
69) Atrazine	16.604	200	405143	64.826	ng		98
70) Pentachlorophenol	16.787	266	735312	98.652	ng		99
71) Phenanthrene	17.181	178	2052281	45.760	ng		99
72) Anthracene	17.281	178	2103402	48.662	ng		99
73) Carbazole	17.563	167	1992713	47.182	ng		99
74) Di-n-butylphthalate	18.145	149	2509675	47.696	ng		99
75) Fluoranthene	19.275	202	2468152	46.272	ng		97
77) Benzidine	19.469	184	1224869	104.718	ng		99
78) Pyrene	19.645	202	2582943	44.045	ng		99
80) Butylbenzylphthalate	20.592	149	1209696	48.160	ng		98
81) Benzo(a)anthracene	21.563	228	2675034	46.639	ng		100
82) 3,3'-Dichlorobenzidine	21.486	252	772689	38.383	ng		98
83) Chrysene	21.633	228	2457723	44.727	ng		100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1791677	48.657	ng		99
85) Di-n-octyl phthalate	22.769	149	3072120	51.320	ng		100
87) Indeno(1,2,3-cd)pyrene	28.715	276	3718353	49.272	ng	#	91
88) Benzo(b)fluoranthene	23.869	252	2835698	43.521	ng		97
89) Benzo(k)fluoranthene	23.933	252	2847239	45.239	ng		98
90) Benzo(a)pyrene	24.769	252	2786273	49.574	ng	#	98
91) Dibenzo(a,h)anthracene	28.780	278	3017918	48.180	ng		97
92) Benzo(g,h,i)perylene	29.886	276	2972899	46.629	ng		96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024552.D
Acq On : 06 May 2025 18:29
Operator : RC/JU
Sample : Q1956-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Quant Time: May 07 01:11:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration