Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024666.D
Acq On : 16 May 2025 21:03
Operator : RC/JU
Sample : Q2019-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-KMSD

Quant Time: May 17 00:47:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	154221	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	604431	20.000	ng		0.00
39) Acenaphthene-d10	14.293	164	384414	20.000	ng		-0.01
64) Phenanthrene-d10	17.087	188	774001	20.000	ng		-0.01
76) Chrysene-d12	21.522	240	841480	20.000	ng		0.00
86) Perylene-d12	24.810	264	998856	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	1151765	127.735	ng		0.02
7) Phenol-d6	6.881	99	1322050	114.882	ng		0.03
23) Nitrobenzene-d5	8.810	82	943373	78.860	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	912668	140.046	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	2271515	77.416	ng		0.00
79) Terphenyl-d14	19.816	244	4177183	85.119	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	141825	33.496	ng	#	59
3) Pyridine	3.634	79	304277	32.410	ng		98
4) n-Nitrosodimethylamine	3.540	42	155323	37.475	ng		98
6) Aniline	7.005	93	285913	19.243	ng		99
8) 2-Chlorophenol	7.252	128	457780	44.722	ng		97
9) Benzaldehyde	6.822	77	179050	24.035	ng		99
10) Phenol	6.911	94	472580	39.787	ng		99
11) bis(2-Chloroethyl)ether	7.099	93	401328	41.120	ng		99
12) 1,3-Dichlorobenzene	7.552	146	449065	38.132	ng		98
13) 1,4-Dichlorobenzene	7.699	146	459046	38.756	ng		100
14) 1,2-Dichlorobenzene	8.011	146	448057	38.821	ng		99
15) Benzyl Alcohol	7.916	79	397920	45.502	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	453274	38.780	ng		99
17) 2-Methylphenol	8.134	107	367588	43.149	ng		99
18) Hexachloroethane	8.722	117	166606	36.706	ng		98
19) n-Nitroso-di-n-propyla...	8.463	70	309373	38.864	ng		99
20) 3+4-Methylphenols	8.463	107	491896	42.448	ng	#	82
22) Acetophenone	8.481	105	661821	43.834	ng	#	99
24) Nitrobenzene	8.852	77	453771	43.104	ng		96
25) Isophorone	9.375	82	873767	42.108	ng		98
26) 2-Nitrophenol	9.557	139	249194	48.307	ng		99
27) 2,4-Dimethylphenol	9.634	122	438016	48.160	ng		98
28) bis(2-Chloroethoxy)met...	9.846	93	535751	43.215	ng		99
29) 2,4-Dichlorophenol	10.116	162	432184	49.036	ng		97
30) 1,2,4-Trichlorobenzene	10.293	180	424038	42.694	ng		97
31) Naphthalene	10.475	128	1346705	42.995	ng		100
32) Benzoic acid	9.822	122	188113	32.556	ng		97
33) 4-Chloroaniline	10.604	127	141170	11.169	ng		99
34) Hexachlorobutadiene	10.757	225	270108	41.981	ng		97
35) Caprolactam	11.399	113	127337	39.933	ng		100
36) 4-Chloro-3-methylphenol	11.763	107	514919	47.908	ng		97
37) 2-Methylnaphthalene	12.087	142	884297	43.601	ng		100
38) 1-Methylnaphthalene	12.310	142	933658	43.025	ng		100
40) 1,2,4,5-Tetrachloroben...	12.463	216	503994	45.149	ng		99
41) Hexachlorocyclopentadiene	12.440	237	479434	70.830	ng		96
43) 2,4,6-Trichlorophenol	12.722	196	358176	49.538	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024666.D
Acq On : 16 May 2025 21:03
Operator : RC/JU
Sample : Q2019-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-KMSD

Quant Time: May 17 00:47:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	397360	49.372	ng	97
46) 1,1'-Biphenyl	13.110	154	1287327	45.309	ng	100
47) 2-Chloronaphthalene	13.157	162	987024	45.561	ng	99
48) 2-Nitroaniline	13.375	65	312578	48.736	ng	95
49) Acenaphthylene	14.010	152	1671169	46.096	ng	99
50) Dimethylphthalate	13.751	163	1361550	46.469	ng	99
51) 2,6-Dinitrotoluene	13.875	165	296115	47.853	ng	98
52) Acenaphthene	14.357	154	931599	44.699	ng	100
53) 3-Nitroaniline	14.210	138	189551	30.000	ng	99
54) 2,4-Dinitrophenol	14.428	184	351026	89.162	ng	99
55) Dibenzofuran	14.698	168	1508097	45.365	ng	99
56) 4-Nitrophenol	14.598	139	432882	79.181	ng	97
57) 2,4-Dinitrotoluene	14.675	165	430890	49.391	ng	94
58) Fluorene	15.357	166	1252465	46.205	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	347131	46.495	ng	98
60) Diethylphthalate	15.128	149	1388549	46.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	624092	46.167	ng	99
62) 4-Nitroaniline	15.398	138	288844	47.344	ng	97
63) Azobenzene	15.651	77	1145992	45.235	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	243419	48.688	ng	99
66) n-Nitrosodiphenylamine	15.575	169	1117905	47.022	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	434579	47.649	ng	96
68) Hexachlorobenzene	16.387	284	540912	46.674	ng	95
69) Atrazine	16.557	200	416623	47.818	ng	99
70) Pentachlorophenol	16.751	266	646283	99.344	ng	99
71) Phenanthrene	17.134	178	2024358	47.048	ng	100
72) Anthracene	17.228	178	2047288	47.292	ng	99
73) Carbazole	17.516	167	1933058	49.335	ng	99
74) Di-n-butylphthalate	18.098	149	2458034	48.778	ng	99
75) Fluoranthene	19.222	202	2392754	47.573	ng	99
77) Benzidine	19.422	184	565834	24.689	ng	100
78) Pyrene	19.598	202	2474599	49.080	ng	100
80) Butylbenzylphthalate	20.545	149	1150021	51.286	ng	97
81) Benzo(a)anthracene	21.504	228	2495117	47.222	ng	100
82) 3,3'-Dichlorobenzidine	21.422	252	785964	40.049	ng	100
83) Chrysene	21.569	228	2329973	46.518	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1629692	49.446	ng	99
85) Di-n-octyl phthalate	22.692	149	2823944	52.395	ng	99
87) Indeno(1,2,3-cd)pyrene	28.533	276	3517921	48.242	ng	98
88) Benzo(b)fluoranthene	23.774	252	2692797	47.099	ng	99
89) Benzo(k)fluoranthene	23.845	252	2635381	44.733	ng	99
90) Benzo(a)pyrene	24.668	252	2568096	46.769	ng	99
91) Dibenzo(a,h)anthracene	28.604	278	2917615	49.180	ng	99
92) Benzo(g,h,i)perylene	29.703	276	2855801	48.407	ng	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024666.D
Acq On : 16 May 2025 21:03
Operator : RC/JU
Sample : Q2019-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-KMSD

Quant Time: May 17 00:47:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration