Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
Data File : BP024265.D
Acq On : 11 Apr 2025 14:19
Operator : RC/JU
Sample : Q1748-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 11 14:59:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 10 11:43:37 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	198893	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	835760	20.000	ng		-0.02
39) Acenaphthene-d10	14.386	164	566625	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1260548	20.000	ng		0.00
76) Chrysene-d12	21.645	240	1426665	20.000	ng		0.00
86) Perylene-d12	25.004	264	871094	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1988756	159.614	ng		0.00
7) Phenol-d6	6.922	99	2499529	150.014	ng		0.00
23) Nitrobenzene-d5	8.887	82	1605956	108.416	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	1423364	199.424	ng		0.00
45) 2-Fluorobiphenyl	12.992	172	3666524	95.414	ng		0.00
79) Terphenyl-d14	19.916	244	7270183	105.191	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	197424	39.973	ng	#	78
3) Pyridine	3.699	79	726093	53.777	ng		97
4) n-Nitrosodimethylamine	3.599	42	207047	45.906	ng		99
6) Aniline	7.075	93	278787	18.365	ng		98
8) 2-Chlorophenol	7.310	128	678421	50.409	ng		99
9) Benzaldehyde	6.887	77	155372	19.323	ng		97
10) Phenol	6.946	94	813258	48.350	ng		99
11) bis(2-Chloroethyl)ether	7.163	93	614434	46.322	ng		96
12) 1,3-Dichlorobenzene	7.628	146	618603	42.623	ng		99
13) 1,4-Dichlorobenzene	7.775	146	634304	42.805	ng		99
14) 1,2-Dichlorobenzene	8.087	146	623687	43.859	ng		99
15) Benzyl Alcohol	7.975	79	420731	39.885	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	665859	49.184	ng		97
17) 2-Methylphenol	8.181	107	585018	55.464	ng		99
18) Hexachloroethane	8.804	117	222640	42.349	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	488650	50.552	ng		99
20) 3+4-Methylphenols	8.504	107	814153	56.184	ng		99
22) Acetophenone	8.552	105	988977	46.805	ng	#	99
24) Nitrobenzene	8.928	77	717881	49.127	ng		99
25) Isophorone	9.446	82	1421417	55.979	ng		99
26) 2-Nitrophenol	9.634	139	360276	51.615	ng		99
27) 2,4-Dimethylphenol	9.698	122	680718	75.842	ng		98
28) bis(2-Chloroethoxy)met...	9.928	93	797057	44.620	ng		99
29) 2,4-Dichlorophenol	10.169	162	663319	54.631	ng		100
30) 1,2,4-Trichlorobenzene	10.381	180	596034	44.431	ng		99
31) Naphthalene	10.563	128	2020428	45.605	ng		100
32) Benzoic acid	9.834	122	518295m	59.210	ng		
33) 4-Chloroaniline	10.681	127	137875	8.696	ng		99
34) Hexachlorobutadiene	10.851	225	329257	42.648	ng		99
35) Caprolactam	11.463	113	254562	63.971	ng		97
36) 4-Chloro-3-methylphenol	11.810	107	812838	62.057	ng		99
37) 2-Methylnaphthalene	12.175	142	1336378	44.651	ng		99
38) 1-Methylnaphthalene	12.404	142	1421267	48.823	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	701326	42.817	ng		99
41) Hexachlorocyclopentadiene	12.528	237	910279	154.174	ng		98
43) 2,4,6-Trichlorophenol	12.798	196	547883	52.633	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
Data File : BP024265.D
Acq On : 11 Apr 2025 14:19
Operator : RC/JU
Sample : Q1748-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025

Quant Time: Apr 11 14:59:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 10 11:43:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	649678	56.911	ng	99
46) 1,1'-Biphenyl	13.198	154	1965684	46.165	ng	99
47) 2-Chloronaphthalene	13.239	162	1517908	47.395	ng	99
48) 2-Nitroaniline	13.451	65	482628	58.918	ng	96
49) Acenaphthylene	14.098	152	2623879	54.145	ng	100
50) Dimethylphthalate	13.834	163	2173322	54.816	ng	100
51) 2,6-Dinitrotoluene	13.963	165	486052	58.265	ng	98
52) Acenaphthene	14.451	154	1539419	49.719	ng	99
53) 3-Nitroaniline	14.298	138	153208	17.004	ng	99
54) 2,4-Dinitrophenol	14.498	184	656992	148.841	ng	94
55) Dibenzofuran	14.786	168	2463534	49.120	ng	98
56) 4-Nitrophenol	14.622	139	1037606	137.823	ng	96
57) 2,4-Dinitrotoluene	14.751	165	723204	65.632	ng	97
58) Fluorene	15.445	166	2083618	53.321	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	584528	57.955	ng	98
60) Diethylphthalate	15.222	149	2253741	57.082	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	979569	51.110	ng	97
62) 4-Nitroaniline	15.475	138	396219	41.929	ng	99
63) Azobenzene	15.751	77	1987173	53.399	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	418302	55.897	ng	95
66) n-Nitrosodiphenylamine	15.669	169	943117	24.638	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	659062	47.621	ng	98
68) Hexachlorobenzene	16.480	284	807518	49.297	ng	99
69) Atrazine	16.645	200	215386	23.312	ng	99
70) Pentachlorophenol	16.833	266	1215004	114.697	ng	99
71) Phenanthrene	17.239	178	3497744	50.793	ng	99
72) Anthracene	17.333	178	3514990	52.408	ng	100
73) Carbazole	17.610	167	1426762	22.059	ng	100
74) Di-n-butylphthalate	18.210	149	4206804	54.788	ng	100
75) Fluoranthene	19.327	202	4297131	53.879	ng	99
77) Benzidine	19.539	184	9013m	0.578	ng	
78) Pyrene	19.704	202	4378542	49.366	ng	99
80) Butylbenzylphthalate	20.645	149	2050522	56.062	ng	98
81) Benzo(a)anthracene	21.621	228	4632255	52.224	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	53712	1.807	ng	98
83) Chrysene	21.692	228	4265411	50.023	ng	99
84) Bis(2-ethylhexyl)phtha...	21.557	149	2941938	53.306	ng	100
85) Di-n-octyl phthalate	22.833	149	4973283	56.242	ng	100
87) Indeno(1,2,3-cd)pyrene	28.815	276	5522504	90.837	ng	99
88) Benzo(b)fluoranthene	23.927	252	4834705	92.052	ng	98
89) Benzo(k)fluoranthene	24.015	252	4709378	91.665	ng	100
90) Benzo(a)pyrene	24.851	252	4188367	91.707	ng	99
91) Dibenzo(a,h)anthracene	28.909	278	4800304	94.907	ng	99
92) Benzo(g,h,i)perylene	30.009	276	4314856	83.921	ng	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
Data File : BP024265.D
Acq On : 11 Apr 2025 14:19
Operator : RC/JU
Sample : Q1748-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 11 14:59:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 10 11:43:37 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
IB-1.5-WCMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/14/2025
Supervised By :Jagrut Upadhyay 04/14/2025