Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024125.D
Acq On : 27 Feb 2025 18:35
Operator : RC/JU
Sample : Q1442-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
351MSD

Quant Time: Feb 28 00:10:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	296436	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1197401	20.000	ng		0.00
39) Acenaphthene-d10	14.393	164	753085	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1503402	20.000	ng		0.00
76) Chrysene-d12	21.651	240	1764148	20.000	ng		0.00
86) Perylene-d12	25.045	264	1959641	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	2285853	120.321	ng		0.00
7) Phenol-d6	6.940	99	2970823	121.668	ng		0.00
23) Nitrobenzene-d5	8.905	82	1709254	79.637	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	1215565	131.776	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	3914211	72.662	ng		0.00
79) Terphenyl-d14	19.916	244	6389703	71.670	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	308277	41.366	ng		98
3) Pyridine	3.699	79	751464	38.783	ng		99
4) n-Nitrosodimethylamine	3.605	42	288913	42.036	ng		95
6) Aniline	7.087	93	669084	29.922	ng		98
8) 2-Chlorophenol	7.328	128	923305	45.917	ng		98
9) Benzaldehyde	6.905	77	355667m	31.904	ng		
10) Phenol	6.963	94	1220063	49.690	ng		99
11) bis(2-Chloroethyl)ether	7.181	93	878526	45.428	ng		98
12) 1,3-Dichlorobenzene	7.646	146	950145	43.012	ng		99
13) 1,4-Dichlorobenzene	7.787	146	972832	43.547	ng		99
14) 1,2-Dichlorobenzene	8.105	146	932377	43.488	ng		99
15) Benzyl Alcohol	7.993	79	751350	50.270	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	920603	49.038	ng		98
17) 2-Methylphenol	8.199	107	759140	50.735	ng		99
18) Hexachloroethane	8.828	117	349048	43.385	ng		98
19) n-Nitroso-di-n-propyla...	8.552	70	645453	49.164	ng		99
20) 3+4-Methylphenols	8.522	107	1039588	51.073	ng		98
22) Acetophenone	8.569	105	1464817	47.605	ng	#	99
24) Nitrobenzene	8.946	77	937384	44.378	ng		99
25) Isophorone	9.469	82	1793001	51.085	ng		100
26) 2-Nitrophenol	9.652	139	457039	46.964	ng		99
27) 2,4-Dimethylphenol	9.716	122	783960	61.370	ng		98
28) bis(2-Chloroethoxy)met...	9.946	93	1142676	44.941	ng		99
29) 2,4-Dichlorophenol	10.193	162	841679	48.281	ng		99
30) 1,2,4-Trichlorobenzene	10.399	180	847454	42.428	ng		98
31) Naphthalene	10.581	128	2757535	42.830	ng		100
32) Benzoic acid	9.852	122	624612	46.820	ng		99
33) 4-Chloroaniline	10.693	127	468753	20.666	ng		99
34) Hexachlorobutadiene	10.869	225	490836	42.427	ng		100
35) Caprolactam	11.481	113	325613	54.587	ng		97
36) 4-Chloro-3-methylphenol	11.822	107	919683	51.318	ng		97
37) 2-Methylnaphthalene	12.193	142	1867239	43.634	ng		100
38) 1-Methylnaphthalene	12.416	142	1855767	44.578	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	1066901	46.108	ng		99
41) Hexachlorocyclopentadiene	12.551	237	1075419	124.900	ng		100
43) 2,4,6-Trichlorophenol	12.810	196	660041	46.774	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024125.D
Acq On : 27 Feb 2025 18:35
Operator : RC/JU
Sample : Q1442-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 00:10:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
351MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	734795	47.613	ng	99
46) 1,1'-Biphenyl	13.210	154	2771880	47.367	ng	99
47) 2-Chloronaphthalene	13.251	162	1899845	42.946	ng	99
48) 2-Nitroaniline	13.457	65	549079	52.544	ng	99
49) Acenaphthylene	14.110	152	3165564	48.569	ng	100
50) Dimethylphthalate	13.845	163	2411639	45.399	ng	100
51) 2,6-Dinitrotoluene	13.957	165	513730	47.475	ng	98
52) Acenaphthene	14.451	154	1919080	45.724	ng	99
53) 3-Nitroaniline	14.293	138	395409	34.243	ng	99
54) 2,4-Dinitrophenol	14.498	184	586353	81.976	ng	94
55) Dibenzofuran	14.792	168	2933564	43.025	ng	100
56) 4-Nitrophenol	14.622	139	1140691	114.362	ng	96
57) 2,4-Dinitrotoluene	14.757	165	746639	53.115	ng	98
58) Fluorene	15.451	166	2477038	46.518	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	638150	47.660	ng	99
60) Diethylphthalate	15.228	149	2466092	46.766	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1171441	44.695	ng	99
62) 4-Nitroaniline	15.475	138	604482	44.477	ng	97
63) Azobenzene	15.745	77	2507737	50.749	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	370741	39.593	ng	98
66) n-Nitrosodiphenylamine	15.669	169	2098083	44.751	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	734104	43.483	ng	98
68) Hexachlorobenzene	16.486	284	866449	43.616	ng	97
69) Atrazine	16.651	200	854089	70.987	ng	99
70) Pentachlorophenol	16.839	266	1267881	98.269	ng	100
71) Phenanthrene	17.239	178	5133934	60.570	ng	100
72) Anthracene	17.328	178	4041222	49.753	ng	99
73) Carbazole	17.610	167	3837195	49.583	ng	100
74) Di-n-butylphthalate	18.204	149	4559959	50.498	ng	100
75) Fluoranthene	19.322	202	7120796	74.275	ng	98
77) Benzidine	19.522	184	2634243	122.539	ng	100
78) Pyrene	19.698	202	6848086	61.112	ng	100
80) Butylbenzylphthalate	20.651	149	2219185	51.681	ng	92
81) Benzo(a)anthracene	21.627	228	6037624	54.579	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	1279657	37.019	ng	99
83) Chrysene	21.698	228	5822417	54.584	ng	100
84) Bis(2-ethylhexyl)phtha...	21.574	149	3408937	52.352	ng	98
85) Di-n-octyl phthalate	22.863	149	5869835	56.397	ng	98
87) Indeno(1,2,3-cd)pyrene	28.886	276	6573142m	47.149	ng	
88) Benzo(b)fluoranthene	23.968	252	6409565	51.506	ng	100
89) Benzo(k)fluoranthene	24.039	252	5967292	49.265	ng	100
90) Benzo(a)pyrene	24.886	252	5847733	55.371	ng	99
91) Dibenzo(a,h)anthracene	28.992	278	5017812	42.807	ng	99
92) Benzo(g,h,i)perylene	30.098	276	5140085	43.213	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024125.D
Acq On : 27 Feb 2025 18:35
Operator : RC/JU
Sample : Q1442-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 28 00:10:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
351MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025