Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036057.D
Acq On : 02 Aug 2022 18:24
Operator : CG/JU
Sample : N3976-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-0729MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

Quant Time: Aug 03 00:53:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	366313	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	1523138	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	901443	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1820162	20.000	ng	0.00
76) Chrysene-d12	21.427	240	1689457	20.000	ng	0.00
86) Perylene-d12	23.791	264	1414434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3619852	160.211	ng	0.01
7) Phenol-d6	7.051	99	4193493	145.862	ng	0.01
23) Nitrobenzene-d5	9.045	82	2911232	106.991	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1818779	171.987	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	6301200	103.207	ng	0.00
79) Terphenyl-d14	19.874	244	9453881	110.374	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	430445	47.278	ng	# 33
3) Pyridine	3.722	79	1089643	44.631	ng	89
4) n-Nitrosodimethylamine	3.634	42	585264	58.336	ng	# 63
6) Aniline	7.204	93	1130177	35.499	ng	95
8) 2-Chlorophenol	7.439	128	1501624	62.333	ng	94
9) Benzaldehyde	7.010	77	673481	44.249	ng	95
10) Phenol	7.075	94	1624373	56.114	ng	91
11) bis(2-Chloroethyl)ether	7.304	93	1443148	60.518	ng	95
12) 1,3-Dichlorobenzene	7.757	146	1527593	57.223	ng	97
13) 1,4-Dichlorobenzene	7.910	146	1565918	57.520	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1513881	57.633	ng	99
15) Benzyl Alcohol	8.122	79	1239756m	64.261	ng	
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1904105	60.050	ng	96
17) 2-Methylphenol	8.322	107	1190270	62.115	ng	96
18) Hexachloroethane	8.951	117	581374	59.323	ng	95
19) n-Nitroso-di-n-propyla...	8.692	70	1070114	61.279	ng	89
20) 3+4-Methylphenols	8.657	107	1588432	61.013	ng	97
22) Acetophenone	8.704	105	2192226	60.801	ng	94
24) Nitrobenzene	9.086	77	1588129	62.085	ng	96
25) Isophorone	9.616	82	2971811	67.136	ng	98
26) 2-Nitrophenol	9.792	139	790029	65.480	ng	94
27) 2,4-Dimethylphenol	9.857	122	1317568	70.496	ng	98
28) bis(2-Chloroethoxy)met...	10.098	93	1852712	58.748	ng	99
29) 2,4-Dichlorophenol	10.328	162	1340306	63.769	ng	99
30) 1,2,4-Trichlorobenzene	10.539	180	1345465	56.488	ng	99
31) Naphthalene	10.728	128	4462821	58.933	ng	99
32) Benzoic acid	10.028	122	886272	59.821	ng	94
33) 4-Chloroaniline	10.845	127	443103	14.519	ng	96
34) Hexachlorobutadiene	11.010	225	794637	56.775	ng	97
35) Caprolactam	11.663	113	346237m	53.481	ng	
36) 4-Chloro-3-methylphenol	11.974	107	1414881	64.045	ng	98
37) 2-Methylnaphthalene	12.339	142	3082677	61.174	ng	98
38) 1-Methylnaphthalene	12.557	142	2928057	59.334	ng	99
40) 1,2,4,5-Tetrachloroben...	12.704	216	1462874	59.858	ng	99
41) Hexachlorocyclopentadiene	12.680	237	2012816	155.506	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	1031958	62.055	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036057.D
Acq On : 02 Aug 2022 18:24
Operator : CG/JU
Sample : N3976-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-0729MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

Quant Time: Aug 03 00:53:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.021	196	1117772	63.674	ng	97
46) 1,1'-Biphenyl	13.351	154	3956654	60.228	ng	99
47) 2-Chloronaphthalene	13.392	162	3000507	59.676	ng	99
48) 2-Nitroaniline	13.604	65	917504	66.959	ng	88
49) Acenaphthylene	14.233	152	4794876	61.692	ng	99
50) Dimethylphthalate	13.980	163	3672756	59.913	ng	100
51) 2,6-Dinitrotoluene	14.098	165	815108	66.271	ng	92
52) Acenaphthene	14.574	154	3485578m	68.557	ng	
53) 3-Nitroaniline	14.427	138	632566	44.081	ng	95
54) 2,4-Dinitrophenol	14.633	184	970514	149.111	ng	90
55) Dibenzofuran	14.910	168	4456746	58.537	ng	99
56) 4-Nitrophenol	14.739	139	1466529	127.706	ng	88
57) 2,4-Dinitrotoluene	14.880	165	1124065	69.725	ng	98
58) Fluorene	15.557	166	3652287	60.813	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.133	232	916282	61.618	ng	98
60) Diethylphthalate	15.339	149	3790624	60.172	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	1766210	58.978	ng	97
62) 4-Nitroaniline	15.592	138	929420	62.957	ng	91
63) Azobenzene	15.845	77	3577685	59.739	ng	94
65) 4,6-Dinitro-2-methylph...	15.639	198	576414	61.935	ng	94
66) n-Nitrosodiphenylamine	15.768	169	3098362	60.300	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	1077040	59.157	ng	95
68) Hexachlorobenzene	16.551	284	1270789	60.833	ng	95
69) Atrazine	16.721	200	1016414	70.695	ng	98
70) Pentachlorophenol	16.898	266	1646048	134.543	ng	99
71) Phenanthrene	17.292	178	5556776	59.924	ng	98
72) Anthracene	17.386	178	5566886	62.008	ng	98
73) Carbazole	17.656	167	5359759	58.922	ng	99
74) Di-n-butylphthalate	18.221	149	6652291	61.262	ng	99
75) Fluoranthene	19.303	202	6385125	61.513	ng	98
77) Benzidine	19.498	184	1237258	48.832	ng	99
78) Pyrene	19.668	202	6590424	62.908	ng	98
80) Butylbenzylphthalate	20.568	149	3012456	66.624	ng	98
81) Benzo(a)anthracene	21.415	228	6244559	60.009	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	1540950	60.985	ng	99
83) Chrysene	21.468	228	5860365	59.244	ng	98
84) Bis(2-ethylhexyl)phtha...	21.344	149	4362816	63.957	ng	98
85) Di-n-octyl phthalate	22.262	149	7104163	63.812	ng	95
87) Indeno(1,2,3-cd)pyrene	26.262	276	5177160	52.085	ng	98
88) Benzo(b)fluoranthene	23.074	252	5786955	69.831	ng	98
89) Benzo(k)fluoranthene	23.127	252	5786569	69.135	ng	99
90) Benzo(a)pyrene	23.691	252	4738301	68.147	ng	98
91) Dibenzo(a,h)anthracene	26.279	278	4588583	55.150	ng	98
92) Benzo(g,h,i)perylene	27.015	276	4306235	53.462	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036057.D
Acq On : 02 Aug 2022 18:24
Operator : CG/JU
Sample : N3976-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 03 00:53:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP1-0729MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022