Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
Data File : BM042499.D
Acq On : 30 Oct 2023 18:13
Operator : MA/JU
Sample : PB156526BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 31 03:45:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156526BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	101681	20.000	ng		0.00
21) Naphthalene-d8	10.745	136	401904	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	214386	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	404228	20.000	ng		0.00
76) Chrysene-d12	21.509	240	310619	20.000	ng		0.00
86) Perylene-d12	23.927	264	303923	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	643036	102.063	ng		0.00
7) Phenol-d6	7.098	99	811432	93.908	ng		0.00
23) Nitrobenzene-d5	9.134	82	810201	93.974	ng		0.00
42) 2,4,6-Tribromophenol	16.074	330	256056	91.481	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	1577104	98.987	ng		0.00
79) Terphenyl-d14	19.939	244	1976207	107.877	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	114199	38.033	ng		98
3) Pyridine	3.758	79	304337	35.333	ng		99
4) n-Nitrosodimethylamine	3.675	42	198795	47.959	ng		97
6) Aniline	7.275	93	378014	34.417	ng		99
8) 2-Chlorophenol	7.487	128	327804	48.252	ng		98
9) Benzaldehyde	7.093	77	155624	31.250	ng		99
10) Phenol	7.128	94	423575	48.267	ng		99
11) bis(2-Chloroethyl)ether	7.369	93	338192	45.553	ng		99
12) 1,3-Dichlorobenzene	7.804	146	353640	48.165	ng		99
13) 1,4-Dichlorobenzene	7.963	146	357848	48.158	ng		97
14) 1,2-Dichlorobenzene	8.275	146	341932	47.662	ng		98
15) Benzyl Alcohol	8.198	79	300478	49.119	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.463	45	536837m	45.439	ng		
17) 2-Methylphenol	8.381	107	274814	44.227	ng		98
18) Hexachloroethane	8.987	117	142761	49.101	ng		99
19) n-Nitroso-di-n-propyla...	8.757	70	272024	44.502	ng		98
20) 3+4-Methylphenols	8.716	107	366509	44.117	ng		99
22) Acetophenone	8.787	105	481710	47.524	ng	#	99
24) Nitrobenzene	9.175	77	406143	47.828	ng		99
25) Isophorone	9.692	82	695328	45.566	ng		99
26) 2-Nitrophenol	9.875	139	167156	46.415	ng		97
27) 2,4-Dimethylphenol	9.916	122	292619	50.125	ng		99
28) bis(2-Chloroethoxy)met...	10.175	93	437178	47.553	ng		99
29) 2,4-Dichlorophenol	10.398	162	289876	50.184	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	313936	49.593	ng		99
31) Naphthalene	10.798	128	975637	46.986	ng		100
32) Benzoic acid	10.081	122	191854	41.057	ng		96
33) 4-Chloroaniline	10.945	127	128068	15.818	ng		98
34) Hexachlorobutadiene	11.022	225	193747	50.410	ng		99
35) Caprolactam	11.804	113	81626	40.220	ng		92
36) 4-Chloro-3-methylphenol	12.045	107	304745	46.358	ng		99
37) 2-Methylnaphthalene	12.404	142	643807	44.025	ng		99
38) 1-Methylnaphthalene	12.622	142	606529	44.064	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	334869	52.285	ng		99
41) Hexachlorocyclopentadiene	12.698	237	503001	127.117	ng		99
43) 2,4,6-Trichlorophenol	13.016	196	220232	53.686	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
Data File : BM042499.D
Acq On : 30 Oct 2023 18:13
Operator : MA/JU
Sample : PB156526BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 31 03:45:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156526BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.086	196	234454	48.028	ng	98
46)	1,1'-Biphenyl	13.416	154	820293	50.054	ng	99
47)	2-Chloronaphthalene	13.463	162	625721	52.046	ng	99
48)	2-Nitroaniline	13.704	65	205867	42.957	ng	96
49)	Acenaphthylene	14.310	152	974947	48.965	ng	100
50)	Dimethylphthalate	14.051	163	739466	46.149	ng	99
51)	2,6-Dinitrotoluene	14.192	165	157326	47.641	ng	98
52)	Acenaphthene	14.639	154	589462	48.781	ng	99
53)	3-Nitroaniline	14.533	138	88242	26.019	ng	99
54)	2,4-Dinitrophenol	14.733	184	197928	84.032	ng	99
55)	Dibenzofuran	14.980	168	927487	47.207	ng	100
56)	4-Nitrophenol	14.833	139	264629	87.474	ng	97
57)	2,4-Dinitrotoluene	14.974	165	207940	42.086	ng	98
58)	Fluorene	15.627	166	740864	46.605	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.198	232	202736	49.308	ng	99
60)	Diethylphthalate	15.392	149	722998	44.538	ng	99
61)	4-Chlorophenyl-phenyle...	15.616	204	379621	47.270	ng	98
62)	4-Nitroaniline	15.698	138	119076	37.434	ng	95
63)	Azobenzene	15.910	77	831098	46.460	ng	99
65)	4,6-Dinitro-2-methylph...	15.721	198	119471	46.221	ng	99
66)	n-Nitrosodiphenylamine	15.845	169	610337	53.549	ng	99
67)	4-Bromophenyl-phenylether	16.510	248	215271	53.258	ng	97
68)	Hexachlorobenzene	16.592	284	247794	55.414	ng	99
69)	Atrazine	16.792	200	209957	63.751	ng	99
70)	Pentachlorophenol	16.963	266	327557	99.638	ng	100
71)	Phenanthrene	17.368	178	1068976	50.603	ng	99
72)	Anthracene	17.462	178	1067861	51.036	ng	100
73)	Carbazole	17.751	167	905985	53.225	ng	99
74)	Di-n-butylphthalate	18.274	149	1153142	48.241	ng	99
75)	Fluoranthene	19.380	202	1131844	45.612	ng	98
77)	Benzidine	19.598	184	241366	81.008	ng	99
78)	Pyrene	19.751	202	1177692	55.215	ng	99
80)	Butylbenzylphthalate	20.633	149	466867	51.249	ng	100
81)	Benzo(a)anthracene	21.492	228	1005418	50.873	ng	99
82)	3,3'-Dichlorobenzidine	21.439	252	256037	40.763	ng	100
83)	Chrysene	21.545	228	947626	47.204	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.374	149	669800	48.650	ng	99
85)	Di-n-octyl phthalate	22.303	149	1113386	46.983	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.462	276	959822	53.062	ng	99
88)	Benzo(b)fluoranthene	23.180	252	899514	53.125	ng	99
89)	Benzo(k)fluoranthene	23.233	252	962774	51.028	ng	99
90)	Benzo(a)pyrene	23.821	252	777748	46.655	ng	99
91)	Dibenzo(a,h)anthracene	26.474	278	783623	47.019	ng	98
92)	Benzo(g,h,i)perylene	27.250	276	843539	52.911	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
Data File : BM042499.D
Acq On : 30 Oct 2023 18:13
Operator : MA/JU
Sample : PB156526BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 31 03:45:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156526BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023