Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032897.D
Acq On : 08 Nov 2021 16:28
Operator : CG/JU
Sample : M4475-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB02BMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/09/2021

Quant Time: Nov 08 17:26:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.484	152	94977	20.000	ng		0.00
21) Naphthalene-d8	10.266	136	433748	20.000	ng	#	0.00
39) Acenaphthene-d10	14.148	164	303961	20.000	ng		0.00
64) Phenanthrene-d10	16.883	188	651253	20.000	ng	#	-0.01
76) Chrysene-d12	21.071	240	640524	20.000	ng		0.00
86) Perylene-d12	23.177	264	657345	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.078	112	738451	135.550	ng		0.00
7) Phenol-d6	6.695	99	1005365	123.922	ng		0.00
23) Nitrobenzene-d5	8.642	82	615666	77.688	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	398086	116.941	ng		0.00
45) 2-Fluorobiphenyl	12.760	172	1440781	73.517	ng		0.00
79) Terphenyl-d14	19.518	244	2064585	70.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.907	88	92859	44.756	ng		89
3) Pyridine	3.313	79	237543	37.217	ng	#	88
4) n-Nitrosodimethylamine	3.231	42	128564	47.465	ng	#	68
6) Aniline	6.819	93	198530	21.917	ng		93
8) 2-Chlorophenol	7.060	128	345584	54.443	ng		94
9) Benzaldehyde	6.619	77	189622	41.413	ng		88
10) Phenol	6.719	94	448983	57.660	ng		86
11) bis(2-Chloroethyl)ether	6.913	93	300504	48.878	ng		95
12) 1,3-Dichlorobenzene	7.378	146	331181	47.221	ng	#	92
13) 1,4-Dichlorobenzene	7.519	146	342433	47.659	ng		97
14) 1,2-Dichlorobenzene	7.842	146	334385	47.293	ng		97
15) Benzyl Alcohol	7.737	79	320021	55.416	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.025	45	428629	48.503	ng		98
17) 2-Methylphenol	7.960	107	302779	55.353	ng	#	91
18) Hexachloroethane	8.560	117	126235	49.687	ng		94
19) n-Nitroso-di-n-propyla...	8.301	70	249797	50.289	ng	#	86
20) 3+4-Methylphenols	8.289	107	410694	54.857	ng		93
22) Acetophenone	8.307	105	491744	46.412	ng	#	92
24) Nitrobenzene	8.684	77	375951	49.512	ng	#	90
25) Isophorone	9.207	82	692155	49.427	ng		96
26) 2-Nitrophenol	9.395	139	189318	53.408	ng	#	76
27) 2,4-Dimethylphenol	9.478	122	319256	54.737	ng		95
28) bis(2-Chloroethoxy)met...	9.689	93	444890	47.549	ng		100
29) 2,4-Dichlorophenol	9.931	162	358930	53.660	ng		97
30) 1,2,4-Trichlorobenzene	10.142	180	342523	46.074	ng		97
31) Naphthalene	10.319	128	1069231	47.491	ng		100
32) Benzoic acid	9.666	122	248132	52.607	ng	#	84
33) 4-Chloroaniline	10.436	127	149535	15.906	ng		94
34) Hexachlorobutadiene	10.619	225	203529	45.036	ng		97
35) Caprolactam	11.225	113	121729	54.270	ng	#	80
36) 4-Chloro-3-methylphenol	11.589	107	407531	53.258	ng		98
37) 2-Methylnaphthalene	11.942	142	806041m	50.939	ng		
38) 1-Methylnaphthalene	12.166	142	750324	47.943	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.330	216	386851	46.036	ng		97
41) Hexachlorocyclopentadiene	12.313	237	440125	99.733	ng		98
43) 2,4,6-Trichlorophenol	12.577	196	293714	49.948	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032897.D
Acq On : 08 Nov 2021 16:28
Operator : CG/JU
Sample : M4475-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB02BMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/09/2021

Quant Time: Nov 08 17:26:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.648	196	325136	50.031	ng	#	92
46) 1,1'-Biphenyl	12.972	154	1030485	46.913	ng		100
47) 2-Chloronaphthalene	13.013	162	805703	47.777	ng		99
48) 2-Nitroaniline	13.224	65	266671	53.818	ng	#	85
49) Acenaphthylene	13.866	152	1342087	49.602	ng		100
50) Dimethylphthalate	13.613	163	1055410	47.721	ng		100
51) 2,6-Dinitrotoluene	13.724	165	235739	52.149	ng	#	67
52) Acenaphthene	14.213	154	777812	48.260	ng		98
53) 3-Nitroaniline	14.054	138	105095	21.362	ng		91
54) 2,4-Dinitrophenol	14.266	184	143421	48.276	ng	#	65
55) Dibenzofuran	14.548	168	1268154	46.870	ng		95
56) 4-Nitrophenol	14.401	139	419706	104.697	ng	#	71
57) 2,4-Dinitrotoluene	14.518	165	329375	53.788	ng	#	63
58) Fluorene	15.201	166	986133	48.614	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	280280	48.110	ng	#	85
60) Diethylphthalate	14.983	149	1069557	48.243	ng		96
61) 4-Chlorophenyl-phenyle...	15.195	204	482190	44.961	ng		95
62) 4-Nitroaniline	15.230	138	238025	46.027	ng	#	73
63) Azobenzene	15.489	77	1023383	48.246	ng		86
65) 4,6-Dinitro-2-methylph...	15.289	198	131350	31.995	ng	#	78
66) n-Nitrosodiphenylamine	15.413	169	898079	47.040	ng		97
67) 4-Bromophenyl-phenylether	16.083	248	307615	45.961	ng		94
68) Hexachlorobenzene	16.212	284	351716	47.946	ng	#	86
69) Atrazine	16.365	200	339453	52.960	ng		97
70) Pentachlorophenol	16.554	266	429015	93.458	ng		99
71) Phenanthrene	16.930	178	1647320	47.704	ng		100
72) Anthracene	17.018	178	1659572	48.691	ng		100
73) Carbazole	17.289	167	1569755	46.217	ng		99
74) Di-n-butylphthalate	17.854	149	1863178	50.022	ng	#	98
75) Fluoranthene	18.942	202	1924470	48.575	ng		97
77) Benzidine	19.130	184	562351	32.036	ng		98
78) Pyrene	19.306	202	1976746	46.065	ng		99
80) Butylbenzylphthalate	20.212	149	882855	51.186	ng		89
81) Benzo(a)anthracene	21.053	228	1857375	45.451	ng		99
82) 3,3'-Dichlorobenzidine	20.989	252	295125	23.003	ng		99
83) Chrysene	21.106	228	1869960	46.578	ng		99
84) Bis(2-ethylhexyl)phtha...	20.989	149	1247706	54.230	ng	#	94
85) Di-n-octyl phthalate	21.824	149	2265099	55.203	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.265	276	1943460	47.837	ng		96
88) Benzo(b)fluoranthene	22.559	252	1982395	49.532	ng		98
89) Benzo(k)fluoranthene	22.600	252	1912915	49.032	ng		99
90) Benzo(a)pyrene	23.088	252	1879583	56.840	ng		99
91) Dibenzo(a,h)anthracene	25.265	278	1657241	48.986	ng	#	95
92) Benzo(g,h,i)perylene	25.900	276	1659137	49.306	ng	#	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032897.D
Acq On : 08 Nov 2021 16:28
Operator : CG/JU
Sample : M4475-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 08 17:26:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SB02BMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/09/2021