Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005648.D
Acq On : 28 May 2021 20:19
Operator : CG/JU
Sample : M2551-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JCSY-SP1MSD

Manual Integrations APPROVED
mohammad
6/1/2021 1:18:57 PM

Quant Time: May 28 22:54:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	207050	20.00	ng		0.00
21) Naphthalene-d8	10.793	136	792253	20.00	ng		# 0.00
39) Acenaphthene-d10	14.610	164	467519	20.00	ng		0.00
64) Phenanthrene-d10	17.351	188	922545	20.00	ng		# 0.00
76) Chrysene-d12	21.416	240	1002765	20.00	ng		# 0.00
86) Perylene-d12	23.857	264	1181569	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.552	112	1724813	129.52	ng		0.00
7) Phenol-d6	7.146	99	1960025	107.96	ng		0.00
23) Nitrobenzene-d5	9.152	82	1429274	100.33	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	862068	143.80	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	3044459	86.18	ng		0.00
79) Terphenyl-d14	19.892	244	4451482	83.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.428	88	236449	38.79	ng	#	75
3) Pyridine	3.840	79	452763	30.01	ng	#	89
4) n-Nitrosodimethylamine	3.740	42	299277	44.54	ng	#	28
6) Aniline	7.310	93	225731	10.64	ng		94
8) 2-Chlorophenol	7.552	128	665390	44.62	ng		93
9) Benzaldehyde	7.122	77	417750	53.15	ng		89
10) Phenol	7.175	94	748753	40.39	ng		99
11) bis(2-Chloroethyl)ether	7.410	93	638615	44.62	ng		98
12) 1,3-Dichlorobenzene	7.875	146	698835	41.29	ng		97
13) 1,4-Dichlorobenzene	8.022	146	720401	42.00	ng		96
14) 1,2-Dichlorobenzene	8.340	146	691951	42.18	ng		99
15) Benzyl Alcohol	8.228	79	588456	45.19	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.522	45	720721	43.99	ng		83
17) 2-Methylphenol	8.428	107	525460	43.55	ng		96
18) Hexachloroethane	9.075	117	260080	42.72	ng		90
19) n-Nitroso-di-n-propyla...	8.799	70	492336	42.63	ng		96
20) 3+4-Methylphenols	8.757	107	695812	43.28	ng		94
22) Acetophenone	8.810	105	969068	45.86	ng	#	97
24) Nitrobenzene	9.193	77	729876	46.13	ng		92
25) Isophorone	9.722	82	1259718	39.83	ng	#	98
26) 2-Nitrophenol	9.904	139	311768	51.23	ng	#	79
27) 2,4-Dimethylphenol	9.963	122	588267	48.46	ng		99
28) bis(2-Chloroethoxy)met...	10.204	93	793802	46.64	ng		98
29) 2,4-Dichlorophenol	10.440	162	594111	45.50	ng		97
30) 1,2,4-Trichlorobenzene	10.657	180	660252	42.69	ng		99
31) Naphthalene	10.846	128	1979996	41.97	ng		98
32) Benzoic acid	10.093	122	323152	48.26	ng		95
33) 4-Chloroaniline	10.951	127	82875	4.22	ng	#	93
34) Hexachlorobutadiene	11.134	225	405067	41.94	ng		98
35) Caprolactam	11.740	113	145498	40.69	ng	#	58
36) 4-Chloro-3-methylphenol	12.069	107	592560	43.12	ng		93
37) 2-Methylnaphthalene	12.446	142	1386930	41.49	ng	#	87
38) 1-Methylnaphthalene	12.663	142	1271205	40.08	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.810	216	735276	47.15	ng	#	97
41) Hexachlorocyclopentadiene	12.793	237	801273	92.29	ng		97
43) 2,4,6-Trichlorophenol	13.045	196	460604	48.69	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005648.D
Acq On : 28 May 2021 20:19
Operator : CG/JU
Sample : M2551-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JCSY-SP1MSD

Manual Integrations APPROVED
mohammad
6/1/2021 1:18:57 PM

Quant Time: May 28 22:54:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	500353	48.91	ng	#	94
46) 1,1'-Biphenyl	13.445	154	1718361	45.27	ng		98
47) 2-Chloronaphthalene	13.493	162	1325599	42.96	ng		99
48) 2-Nitroaniline	13.687	65	359401	48.96	ng	#	81
49) Acenaphthylene	14.334	152	2084616	43.34	ng		99
50) Dimethylphthalate	14.069	163	1754337	47.18	ng		99
51) 2,6-Dinitrotoluene	14.181	165	340105	42.10	ng	#	67
52) Acenaphthene	14.669	154	1403881m	44.90	ng		
53) 3-Nitroaniline	14.504	138	78421	12.57	ng		84
54) 2,4-Dinitrophenol	14.710	184	272597	80.08	ng		95
55) Dibenzofuran	15.004	168	1965273	41.01	ng		98
56) 4-Nitrophenol	14.810	139	574892	82.74	ng	#	58
57) 2,4-Dinitrotoluene	14.963	165	460145	45.53	ng	#	68
58) Fluorene	15.651	166	1590083	41.50	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.228	232	416454m	47.06	ng		
60) Diethylphthalate	15.428	149	1585384	42.49	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	802868	41.91	ng		99
62) 4-Nitroaniline	15.669	138	322963	38.69	ng	#	47
63) Azobenzene	15.939	77	1597742	40.89	ng		96
65) 4,6-Dinitro-2-methylph...	15.722	198	183060	41.62	ng		81
66) n-Nitrosodiphenylamine	15.857	169	1348540	42.90	ng		93
67) 4-Bromophenyl-phenylether	16.539	248	499381	44.93	ng		96
68) Hexachlorobenzene	16.657	284	596670	45.09	ng	#	94
69) Atrazine	16.810	200	488625	54.39	ng		97
70) Pentachlorophenol	16.998	266	735413	110.81	ng		96
71) Phenanthrene	17.392	178	2445866	42.56	ng		100
72) Anthracene	17.481	178	2488667	43.85	ng		100
73) Carbazole	17.751	167	2268177	40.61	ng		100
74) Di-n-butylphthalate	18.298	149	2665280	44.56	ng	#	92
75) Fluoranthene	19.345	202	2869758	41.59	ng		96
77) Benzidine	19.522	184	1214013	63.75	ng		99
78) Pyrene	19.698	202	2958775	41.82	ng		99
80) Butylbenzylphthalate	20.563	149	1183655	41.93	ng	#	95
81) Benzo(a)anthracene	21.404	228	3078029	41.83	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	709029	29.83	ng	#	98
83) Chrysene	21.457	228	2995848	42.04	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1740242	43.54	ng	#	95
85) Di-n-octyl phthalate	22.263	149	3008028	44.78	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.433	276	4569533	45.46	ng	#	90
88) Benzo(b)fluoranthene	23.116	252	3595685	41.94	ng	#	97
89) Benzo(k)fluoranthene	23.163	252	3340167	41.12	ng	#	97
90) Benzo(a)pyrene	23.751	252	3444891	44.17	ng	#	95
91) Dibenzo(a,h)anthracene	26.451	278	3918747	44.92	ng	#	94
92) Benzo(g,h,i)perylene	27.221	276	3844494	45.69	ng	#	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005648.D
Acq On : 28 May 2021 20:19
Operator : CG/JU
Sample : M2551-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 28 22:54:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
JCSY-SP1MSD

Manual Integrations APPROVED
mohammad
6/1/2021 1:18:57 PM