Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022321\
Data File : BM028870.D
Acq On : 23 Feb 2021 13:23
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
2/24/2021 10:21:33 AM

Quant Time: Feb 23 14:08:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 14:05:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	16664	20.00	ng		0.00
21) Naphthalene-d8	10.616	136	63892	20.00	ng		# 0.00
39) Acenaphthene-d10	14.474	164	36400	20.00	ng		0.00
64) Phenanthrene-d10	17.215	188	71486	20.00	ng		0.00
76) Chrysene-d12	21.374	240	68145	20.00	ng		# 0.00
86) Perylene-d12	23.592	264	67644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	81784	77.53	ng		0.00
7) Phenol-d6	6.998	99	106384	74.07	ng		0.00
23) Nitrobenzene-d5	8.992	82	95846	71.15	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	35877	74.39	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	215070	74.13	ng		0.00
79) Terphenyl-d14	19.827	244	289822	76.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	15408	36.41	ng	#	73
3) Pyridine	3.610	79	40131	34.25	ng	#	52
4) n-Nitrosodimethylamine	3.522	42	22982	34.11	ng	#	58
6) Aniline	7.146	93	57022	36.64	ng		96
8) 2-Chlorophenol	7.375	128	47742	40.70	ng		94
9) Benzaldehyde	6.951	77	25766	34.47	ng		81
10) Phenol	7.028	94	52558	38.83	ng		88
11) bis(2-Chloroethyl)ether	7.246	93	40009	36.65	ng		94
12) 1,3-Dichlorobenzene	7.693	146	52055	37.61	ng	#	92
13) 1,4-Dichlorobenzene	7.845	146	52963	37.84	ng		98
14) 1,2-Dichlorobenzene	8.163	146	50497	37.61	ng		98
15) Benzyl Alcohol	8.069	79	38453	38.42	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.340	45	60842	30.88	ng		71
17) 2-Methylphenol	8.275	107	36448	38.88	ng	#	89
18) Hexachloroethane	8.881	117	19245	36.53	ng		92
19) n-Nitroso-di-n-propyla...	8.634	70	31768	37.14	ng	#	65
20) 3+4-Methylphenols	8.610	107	48309	38.43	ng		90
22) Acetophenone	8.651	105	62602	37.79	ng	#	90
24) Nitrobenzene	9.034	77	48797	37.52	ng	#	84
25) Isophorone	9.557	82	83646	40.53	ng	#	94
26) 2-Nitrophenol	9.739	139	25138	42.72	ng	#	82
27) 2,4-Dimethylphenol	9.804	122	36595	42.77	ng		89
28) bis(2-Chloroethoxy)met...	10.039	93	47782	32.80	ng		98
29) 2,4-Dichlorophenol	10.275	162	42455	41.58	ng		97
30) 1,2,4-Trichlorobenzene	10.481	180	46255	38.14	ng		98
31) Naphthalene	10.663	128	139843	38.74	ng		99
32) Benzoic acid	9.981	122	28062	36.44	ng	#	78
33) 4-Chloroaniline	10.792	127	56995	38.00	ng	#	91
34) Hexachlorobutadiene	10.934	225	27443	37.93	ng		97
35) Caprolactam	11.604	113	11699	35.40	ng	#	66
36) 4-Chloro-3-methylphenol	11.933	107	42046	39.61	ng		90
37) 2-Methylnaphthalene	12.281	142	98613	39.63	ng		97
38) 1-Methylnaphthalene	12.504	142	93422	39.57	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	45011	37.49	ng		99
41) Hexachlorocyclopentadiene	12.616	237	17928	31.97	ng		97
43) 2,4,6-Trichlorophenol	12.904	196	32611	40.49	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022321\
Data File : BM028870.D
Acq On : 23 Feb 2021 13:23
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
2/24/2021 10:21:33 AM

Quant Time: Feb 23 14:08:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 14:05:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	34441	41.33	ng		97
46) 1,1'-Biphenyl	13.304	154	115319	37.12	ng		99
47) 2-Chloronaphthalene	13.345	162	94311	37.15	ng		97
48) 2-Nitroaniline	13.569	65	26505	33.30	ng	#	83
49) Acenaphthylene	14.198	152	145537	38.63	ng		99
50) Dimethylphthalate	13.939	163	111038	37.11	ng		100
51) 2,6-Dinitrotoluene	14.069	165	26507	41.64	ng	#	86
52) Acenaphthene	14.539	154	88883	38.00	ng		99
53) 3-Nitroaniline	14.398	138	26086	36.35	ng		89
54) 2,4-Dinitrophenol	14.622	184	13855	36.54	ng		90
55) Dibenzofuran	14.874	168	139374	38.75	ng		100
56) 4-Nitrophenol	14.727	139	20932	37.04	ng	#	80
57) 2,4-Dinitrotoluene	14.863	165	35158	41.46	ng		93
58) Fluorene	15.521	166	113256	38.43	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	28125m	38.18	ng		
60) Diethylphthalate	15.298	149	112485	37.03	ng		97
61) 4-Chlorophenyl-phenyle...	15.516	204	53314	36.73	ng		94
62) 4-Nitroaniline	15.569	138	25992	33.27	ng		86
63) Azobenzene	15.810	77	104188	36.53	ng		87
65) 4,6-Dinitro-2-methylph...	15.627	198	20733	46.68	ng		84
66) n-Nitrosodiphenylamine	15.739	169	97280	40.64	ng		97
67) 4-Bromophenyl-phenylether	16.410	248	31947	37.73	ng	#	93
68) Hexachlorobenzene	16.521	284	35085	35.66	ng		95
69) Atrazine	16.686	200	30947	43.61	ng		97
70) Pentachlorophenol	16.874	266	20385	38.02	ng		97
71) Phenanthrene	17.257	178	169133	38.47	ng		99
72) Anthracene	17.345	178	169714	39.97	ng		98
73) Carbazole	17.627	167	163471	40.59	ng		99
74) Di-n-butylphthalate	18.174	149	191126	39.44	ng		98
75) Fluoranthene	19.262	202	190343	38.55	ng		97
77) Benzidine	19.456	184	103499	67.54	ng		100
78) Pyrene	19.627	202	196016	40.12	ng		99
80) Butylbenzylphthalate	20.515	149	87378	40.56	ng		96
81) Benzo(a)anthracene	21.362	228	186598	39.65	ng		99
82) 3,3'-Dichlorobenzidine	21.298	252	66624	44.05	ng	#	99
83) Chrysene	21.415	228	183696	40.44	ng		98
84) Bis(2-ethylhexyl)phtha...	21.280	149	127065	41.71	ng		96
85) Di-n-octyl phthalate	22.150	149	218338	42.39	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.833	276	206574	40.99	ng	#	91
88) Benzo(b)fluoranthene	22.927	252	193595	42.16	ng	#	97
89) Benzo(k)fluoranthene	22.974	252	178239	39.75	ng	#	97
90) Benzo(a)pyrene	23.497	252	174371	40.98	ng	#	97
91) Dibenzo(a,h)anthracene	25.838	278	179593	43.07	ng	#	95
92) Benzo(g,h,i)perylene	26.515	276	173165	42.22	ng	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022321\
Data File : BM028870.D
Acq On : 23 Feb 2021 13:23
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 23 14:08:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 14:05:33 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
2/24/2021 10:21:33 AM